

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015854.D
 Acq On : 09 Jul 2018 21:54
 Operator : SJ/JU
 Sample : PB110919BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:12 PM

Quant Time: Jul 10 03:28:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	101494	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	430944	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	255697	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	545304	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	553975	20.00	ng	-0.01
86) Perylene-d12	24.16	264	467551	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	1044849	176.55	ng	-0.01
7) Phenol-d6	7.46	99	1432704	176.83	ng	0.00
23) Nitrobenzene-d5	9.49	82	961440	108.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	608842	182.23	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	2182698	105.98	ng	-0.01
78) Terphenyl-d14	20.21	244	3487247	116.76	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	92399	37.751	ng	# 100
3) Pyridine	4.00	79	257461	39.862	ng	# 77
4) n-Nitrosodimethylamine	3.91	42	240338	47.789	ng	# 45
6) Aniline	7.62	93	363686	37.025	ng	90
8) 2-Chlorophenol	7.86	128	414991	58.427	ng	94
9) Benzaldehyde	7.43	77	151134	29.596	ng	89
10) Phenol	7.49	94	493003	60.559	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	331513	50.059	ng	88
12) 1,3-Dichlorobenzene	8.19	146	385271	48.923	ng	# 92
13) 1,4-Dichlorobenzene	8.33	146	395367	48.549	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	392643	49.854	ng	95
15) Benzyl Alcohol	8.55	79	387721	55.122	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	540419	74.721	ng	97
17) 2-Methylphenol	8.75	107	336431	59.650	ng	# 87
18) Hexachloroethane	9.38	117	164262	51.012	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	331157	50.858	ng	# 79
20) 3+4-Methylphenols	9.08	107	459045	58.594	ng	90
22) Acetophenone	9.15	105	600826	53.520	ng	# 87
24) Nitrobenzene	9.53	77	493958	57.453	ng	99
25) Isophorone	10.05	82	835884	62.004	ng	# 94
26) 2-Nitrophenol	10.25	139	214636	57.975	ng	# 61
27) 2,4-Dimethylphenol	10.29	122	378111	67.229	ng	# 85
28) bis(2-Chloroethoxy)methane	10.53	93	484905	55.210	ng	99
29) 2,4-Dichlorophenol	10.77	162	391609	62.869	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	387876	53.611	ng	97
31) Naphthalene	11.18	128	1204252	53.899	ng	99
32) Benzoic acid	10.49	122	238171m	47.830	ng	
33) 4-Chloroaniline	11.29	127	191974	21.074	ng	# 89
34) Hexachlorobutadiene	11.43	225	254305	52.668	ng	98
35) Caprolactam	12.12	113	119945m	58.062	ng	
36) 4-Chloro-3-methylphenol	12.40	107	450120	62.978	ng	89
37) 2-Methylnaphthalene	12.77	142	961451	60.492	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	459878	56.037	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	535128	132.588	ng	99

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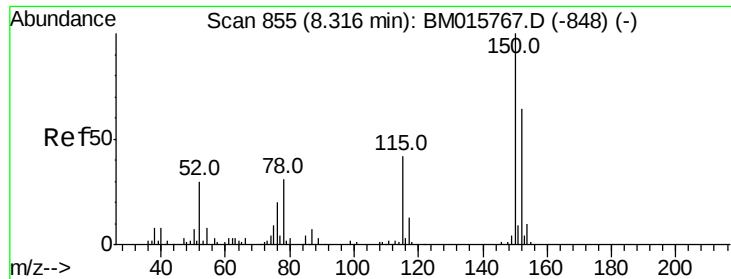
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Quant Time: Jul 10 03:28:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	314405	60.607	nq	99
43) 2,4,5-Trichlorophenol	13.45	196	333003	59.424	nq #	85
45) 1,1'-Biphenyl	13.76	154	1231183	55.691	nq	99
46) 2-Chloronaphthalene	13.81	162	940728	56.913	nq #	91
47) 2-Nitroaniline	14.02	65	335018	58.121	nq #	79
48) Acenaphthylene	14.65	152	1550547	57.665	nq	99
49) Dimethylphthalate	14.38	163	1236604	54.837	nq	99
50) 2,6-Dinitrotoluene	14.51	165	260180	59.174	nq #	71
51) Acenaphthene	14.99	154	887920	53.067	nq	97
52) 3-Nitroaniline	14.84	138	149734	31.113	nq #	75
53) 2,4-Dinitrophenol	15.06	184	270979	119.380	nq #	86
54) Dibenzofuran	15.32	168	1453591	56.379	nq #	87
55) 4-Nitrophenol	15.15	139	422267	118.888	nq #	72
56) 2,4-Dinitrotoluene	15.30	165	370109	58.304	nq	96
57) Fluorene	15.96	166	1187158	55.837	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	292736	61.905	nq #	100
59) Diethylphthalate	15.72	149	1316006	54.457	nq	96
60) 4-Chlorophenyl-phenylether	15.94	204	591319	54.050	nq #	90
61) 4-Nitroaniline	16.00	138	246162	49.305	nq #	37
62) Azobenzene	16.24	77	1381552	60.989	nq	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	185499	55.957	nq	86
65) n-Nitrosodiphenylamine	16.16	169	1012780	54.203	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	353604	58.078	nq #	83
67) Hexachlorobenzene	16.95	284	386169	56.761	nq #	75
68) Atrazine	17.10	200	366386	59.614	nq	98
69) Pentachlorophenol	17.30	266	439626	104.427	nq	100
70) Phenanthrene	17.69	178	1771542	56.785	nq	99
71) Anthracene	17.78	178	1811104	59.114	nq	99
72) Carbazole	18.05	167	1604331	56.195	nq	99
73) Di-n-butylphthalate	18.57	149	2213263	57.516	nq #	97
74) Fluoranthene	19.67	202	1989511	55.473	nq	98
76) Benzidine	19.84	184	758522	46.733	nq	99
77) Pyrene	20.03	202	2018958	58.507	nq	100
79) Butylbenzylphthalate	20.87	149	1017851	61.019	nq #	82
80) Benzo(a)anthracene	21.74	228	1999401	56.925	nq	100
81) 3,3'-Dichlorobenzidine	21.66	252	427773	33.897	nq	99
82) Chrysene	21.80	228	1834508	56.068	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1480552	60.071	nq	95
84) Di-n-octyl phthalate	22.54	149	2419833	60.212	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1634183	53.758	nq #	93
87) Benzo(b)fluoranthene	23.43	252	1786406	57.228	nq #	97
88) Benzo(k)fluoranthene	23.47	252	1689738	55.724	nq	98
89) Benzo(a)pyrene	24.05	252	1607368	58.496	nq	99
90) Dibenzo(a,h)anthracene	26.63	278	1415923	57.271	nq	97
91) Benzo(g,h,i)perylene	27.39	276	1237328	56.960	nq #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

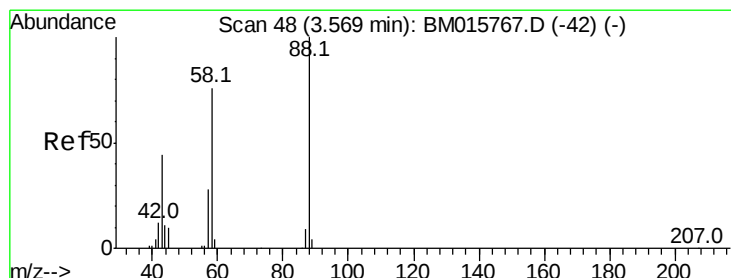
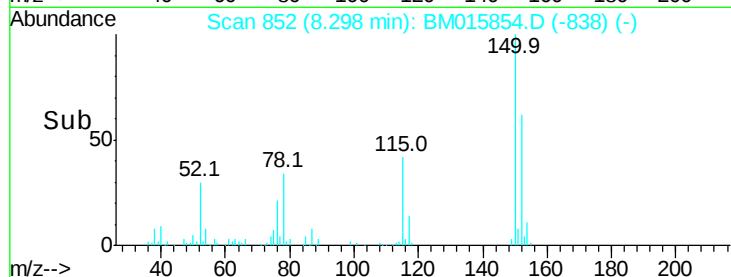
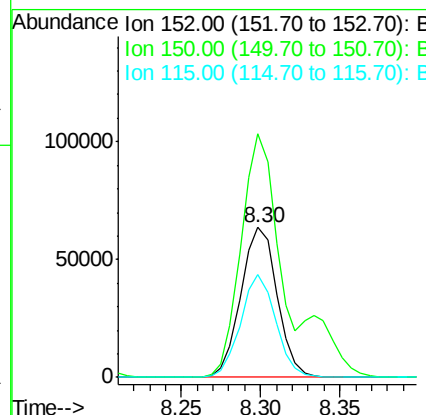
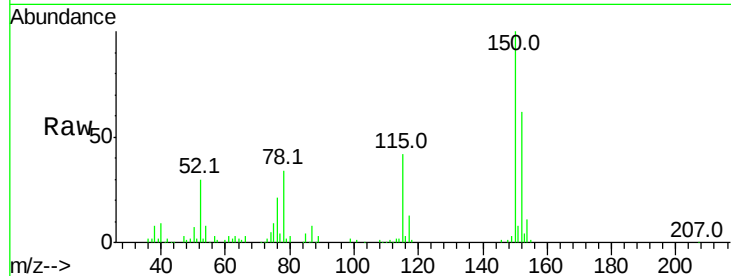
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	119.5	179.3
115	68.3	43.0	64.4

Manual Integrations
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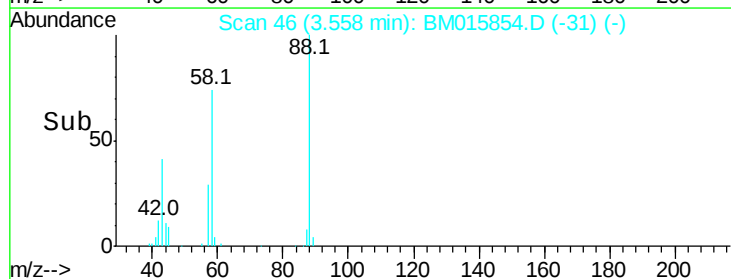
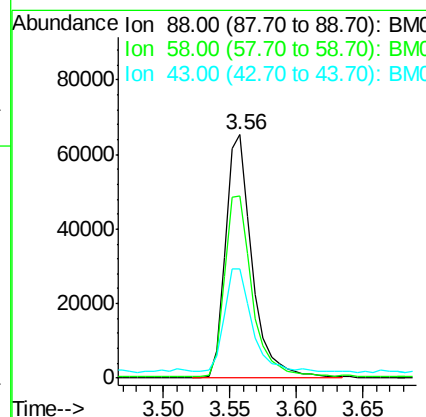
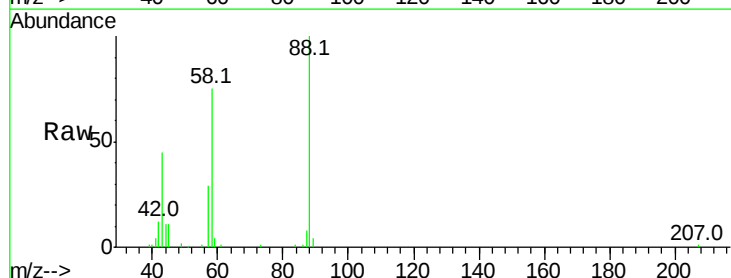
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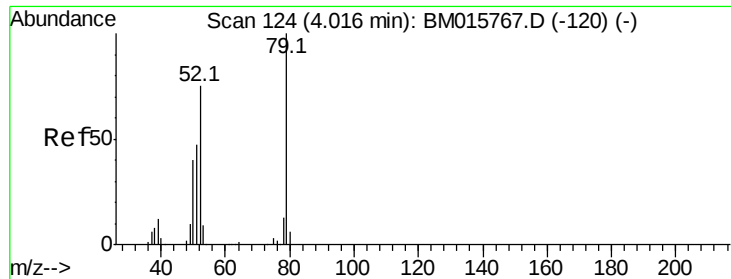


#2

1,4-Dioxane
Concen: 37.751 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	0.0	0.0
43	43.6	0.0	0.0





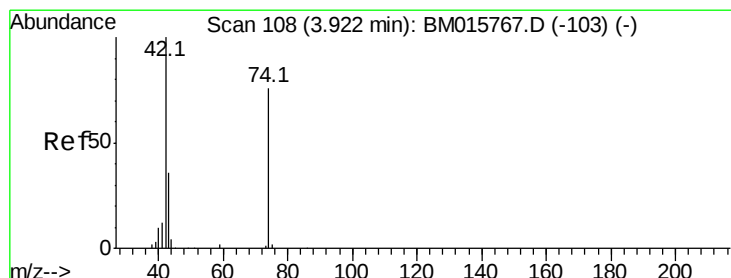
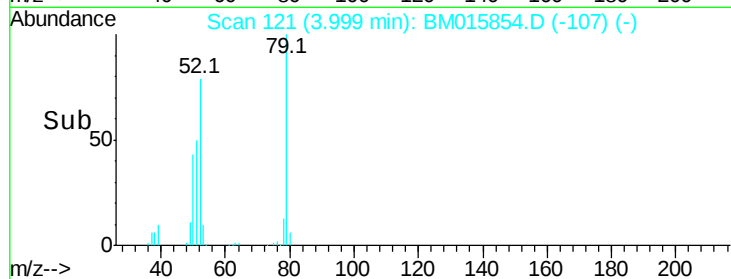
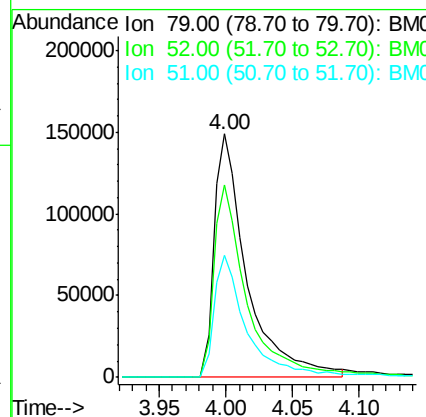
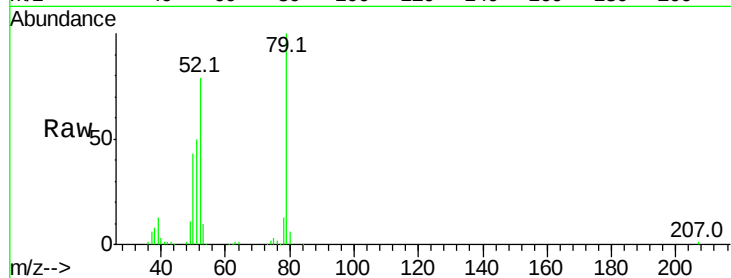
#3
 Pvridine
 Concen: 39.862 ng
 RT: 4.00 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.9	51.1	76.7#
51	50.0	26.1	39.1#

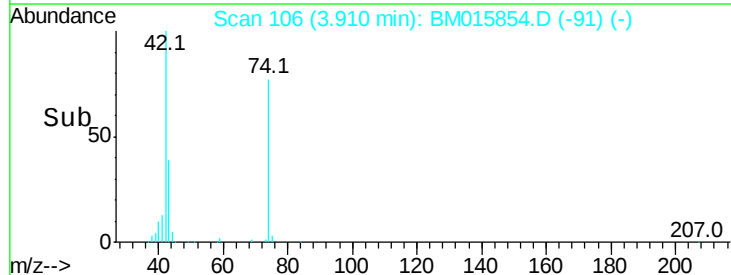
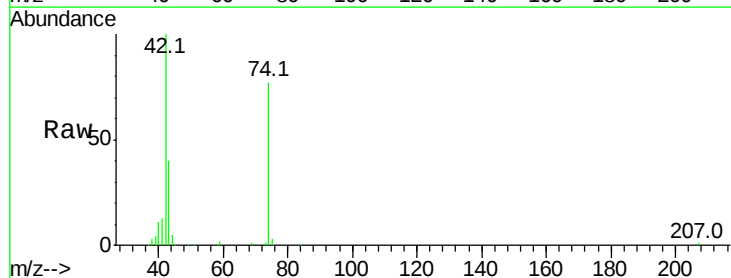
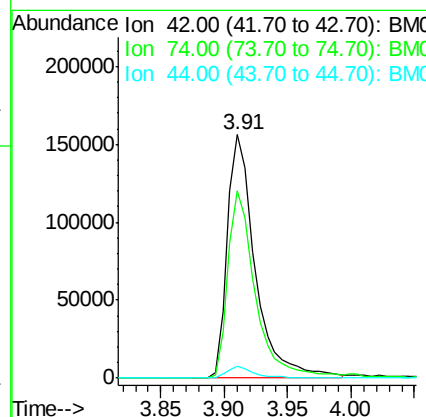
Manual Integrations
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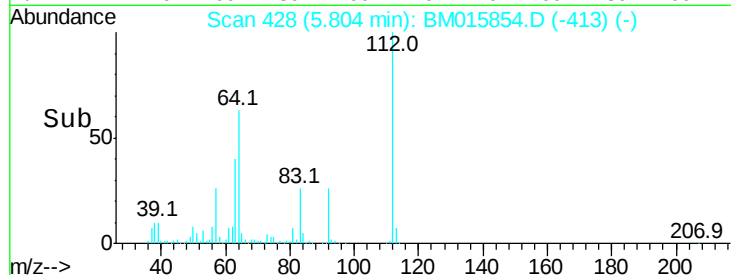
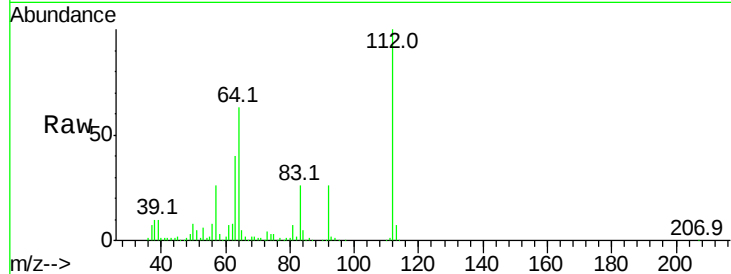
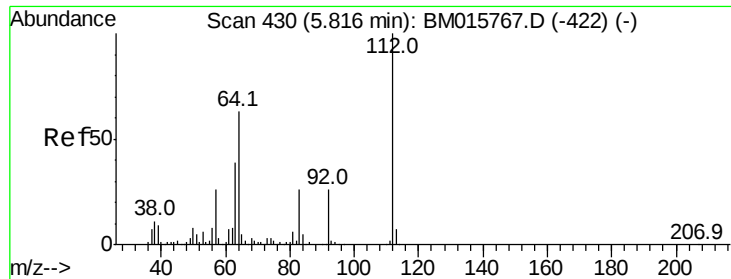
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#4
 n-Nitrosodimethylamine
 Concen: 47.789 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	76.9	119.3	178.9#
44	4.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 47.789 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tot Ion: 112 Resp: 1044849

Ion Ratio Lower Upper

112 100

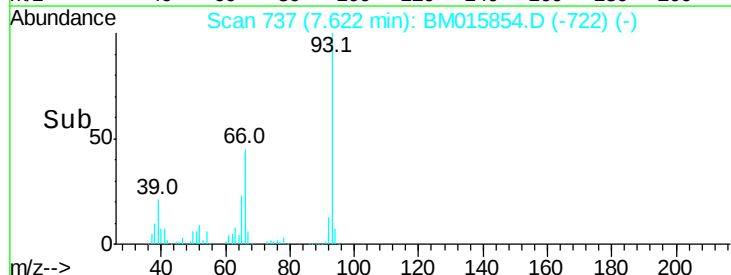
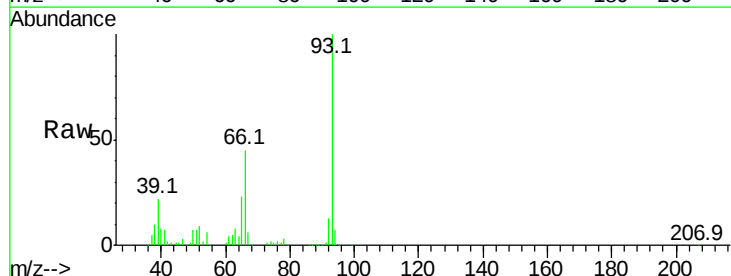
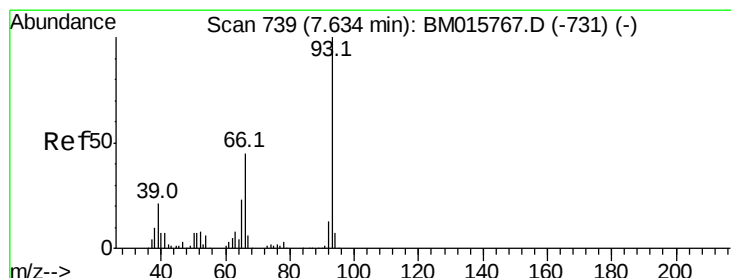
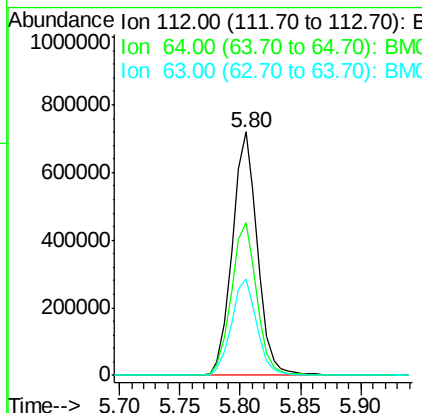
64 62.7 38.6 57.8#

63 39.7 19.3 28.9#

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#6

Aniline

Concen: 37.025 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

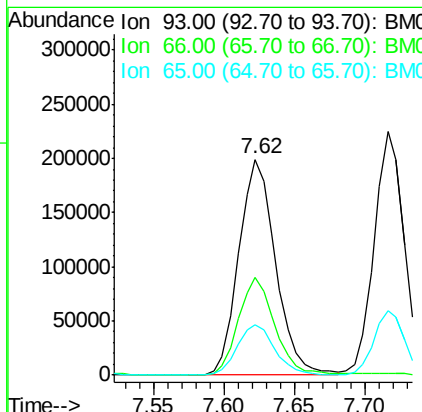
Tgt Ion: 93 Resp: 363686

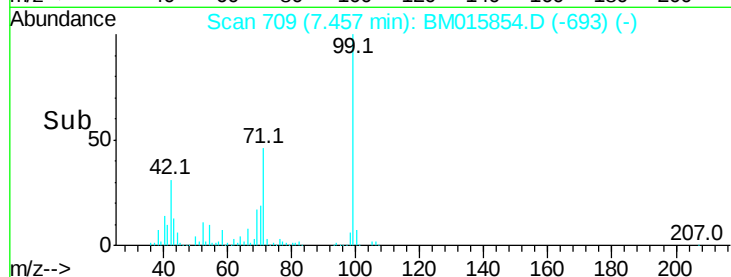
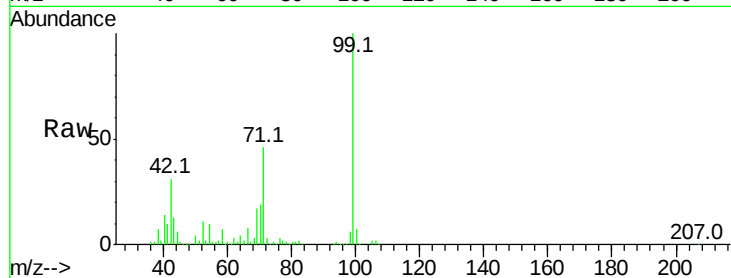
Ion Ratio Lower Upper

93 100

66 45.2 30.8 46.2

65 23.1 16.0 24.0





#7

Phenol-d6

Concen: 37.025 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tot Ion:	99	Resp:	1432704
Ion	Ratio	Lower	Upper
99	100		
42	30.7	11.0	16.4#
71	45.6	23.4	35.2#

Instrument :

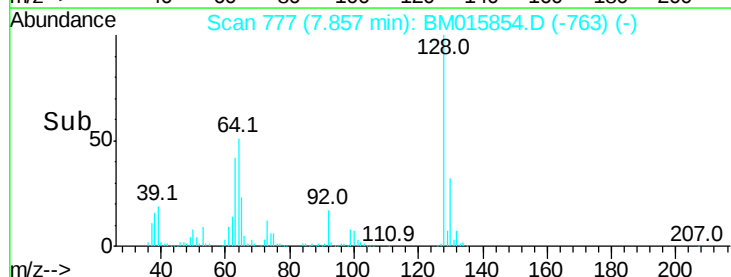
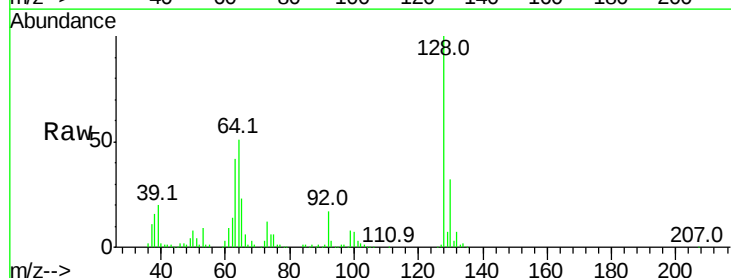
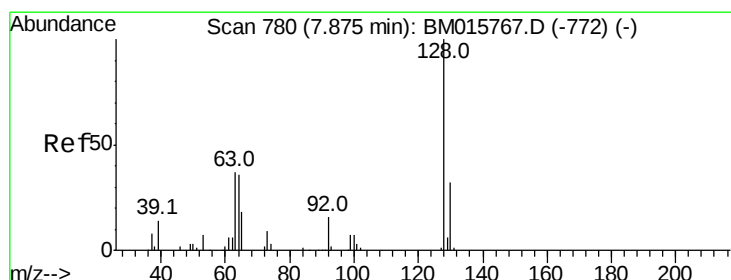
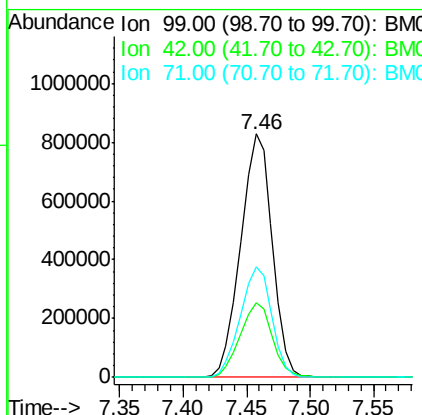
BNA_M

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#8

2-Chlorophenol

Concen: 58.427 ng

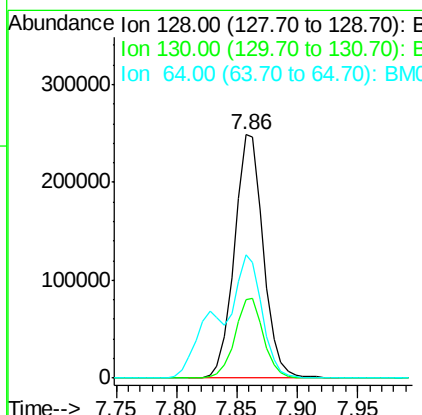
RT: 7.86 min Scan# 777

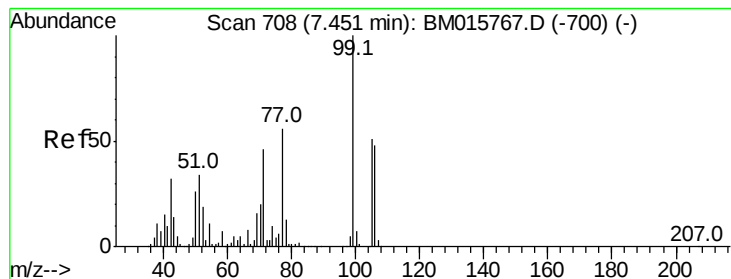
Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	128	Resp:	414991
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	50.9	24.9	64.9





#9

Benzaldehyde

Concen: 29.596 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

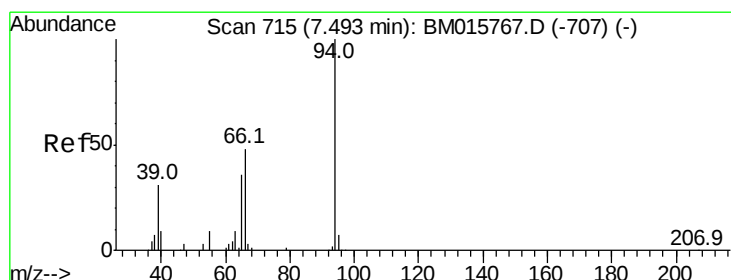
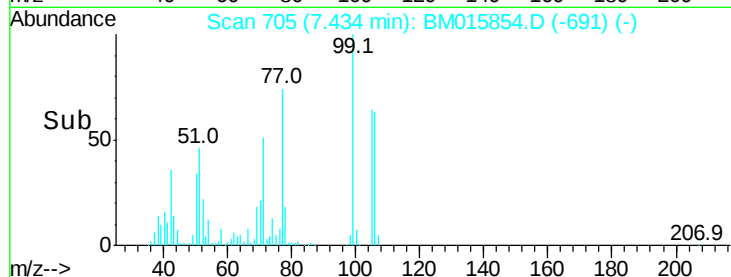
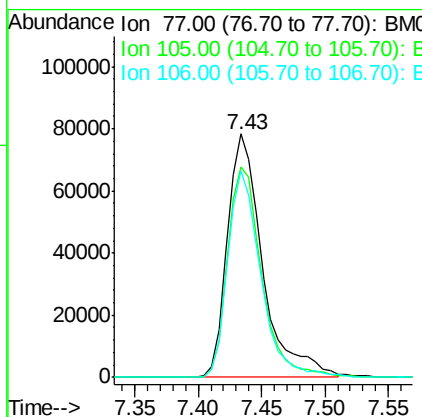
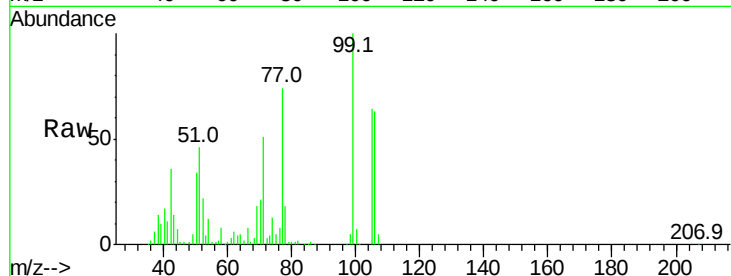
ClientSampled :

PB110919BS

Tot Ion:	77	Resp:	151134
Ion Ratio	Lower	Upper	
77	100		
105	86.2	78.8	118.8
106	84.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 60.559 ng

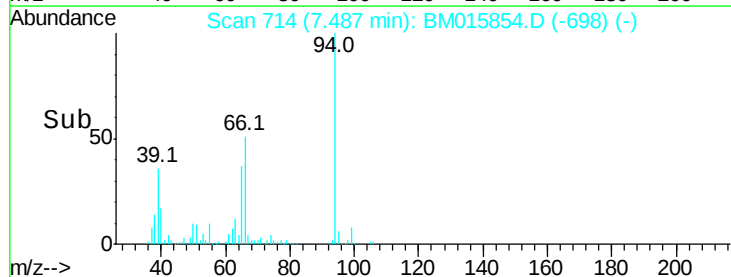
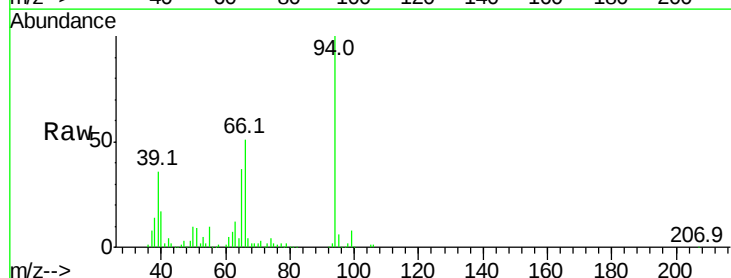
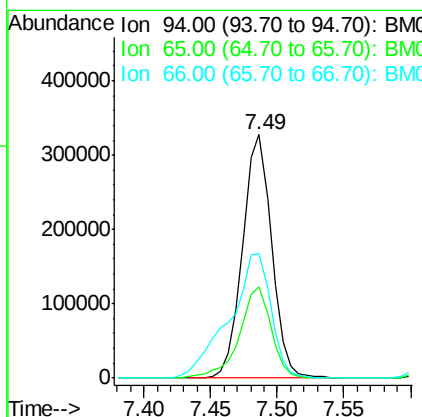
RT: 7.49 min Scan# 714

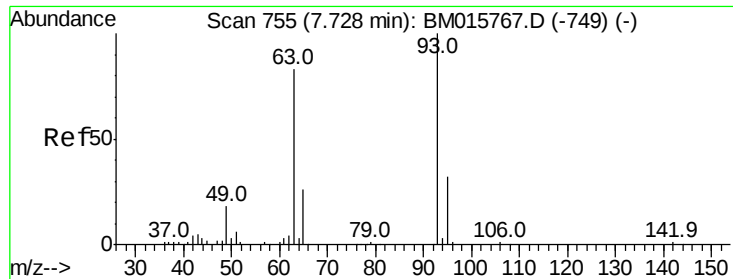
Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	94	Resp:	493003
Ion Ratio	Lower	Upper	
94	100		
65	37.4	18.8	58.8
66	51.2	39.9	79.9





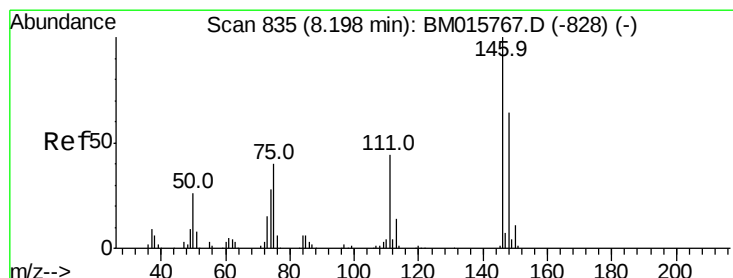
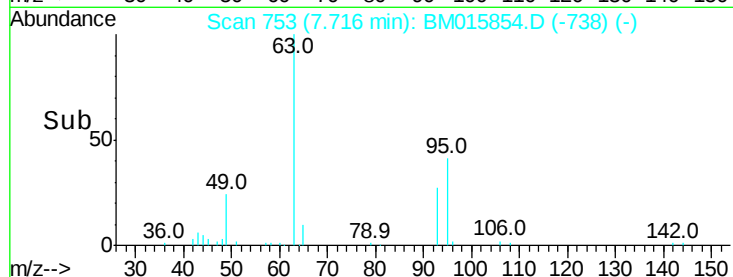
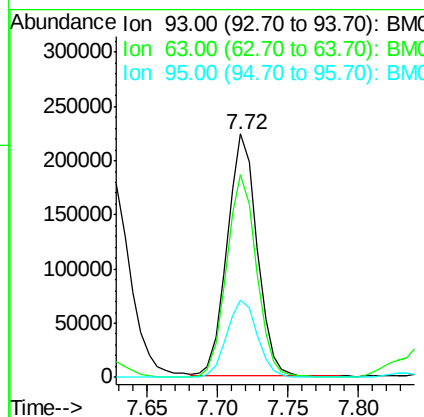
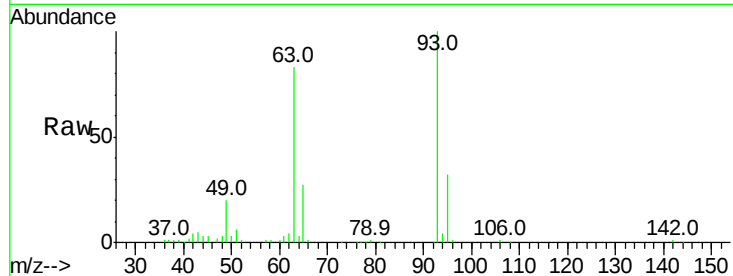
#11
bis(2-Chloroethyl)ether
Concen: 50.059 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.1	49.5	89.5	
95	31.7	13.5	53.5	

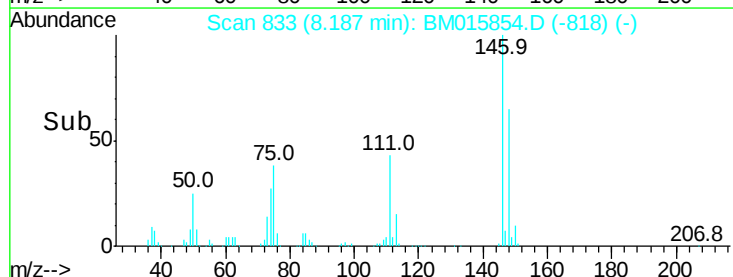
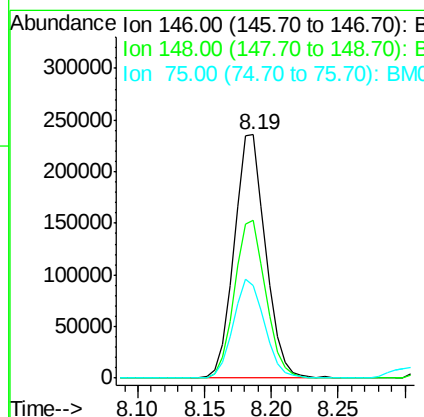
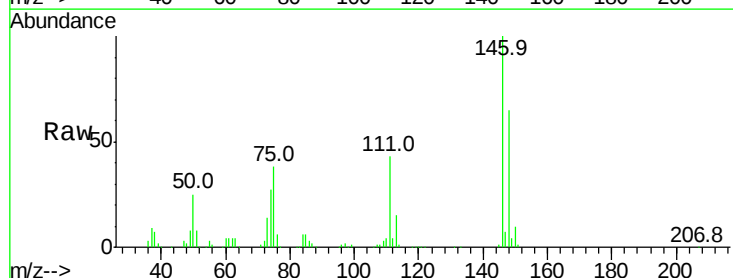
Manual Integrations
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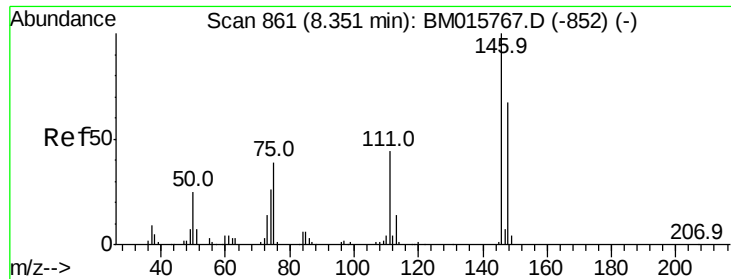
Sohil
7/10/2018 2:50:12 PM



#12
1,3-Dichlorobenzene
Concen: 48.923 ng
RT: 8.19 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.1	50.9	76.3	
75	38.2	21.4	32.2	





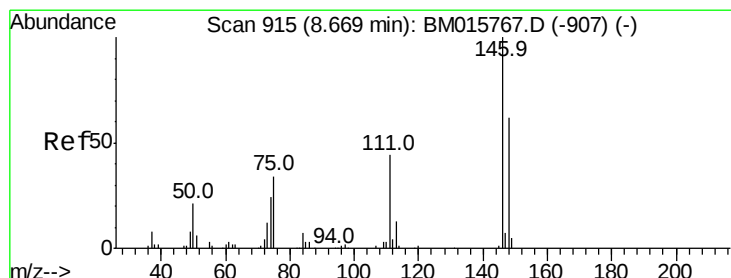
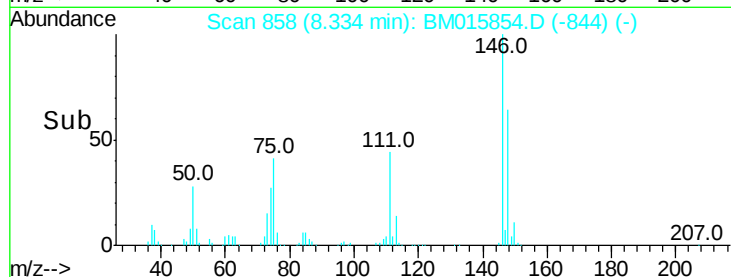
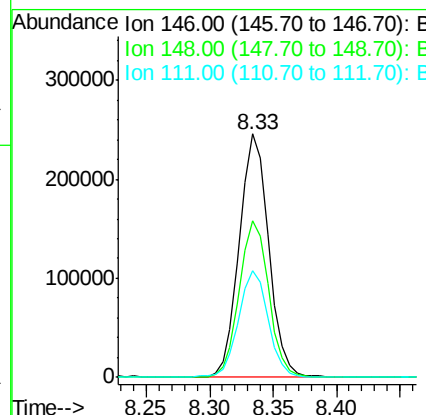
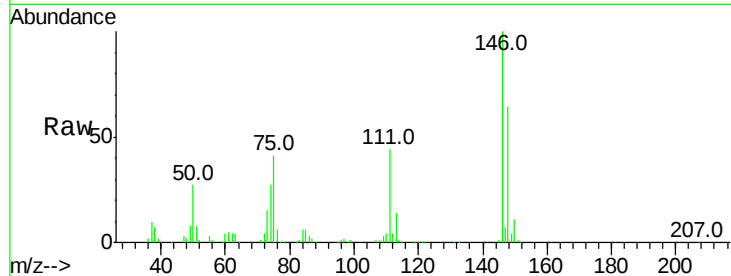
#13
 1,4-Dichlorobenzene
 Concen: 48.549 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	44.0	29.2	43.8

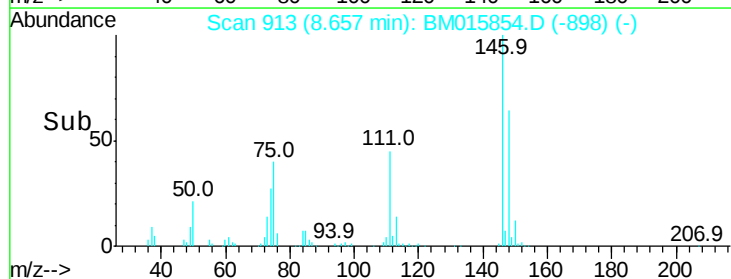
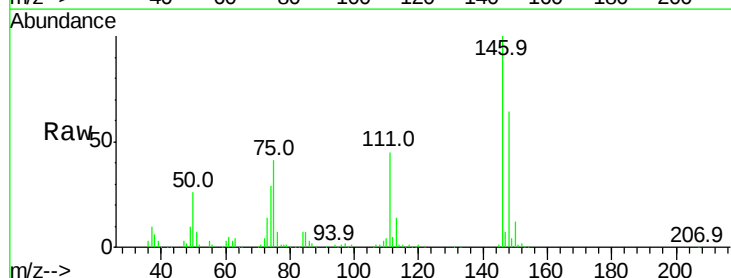
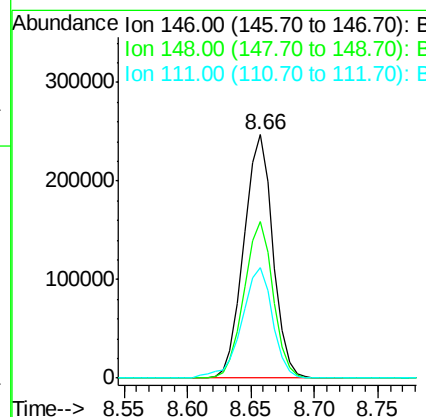
Manual Integrations
 APPROVED

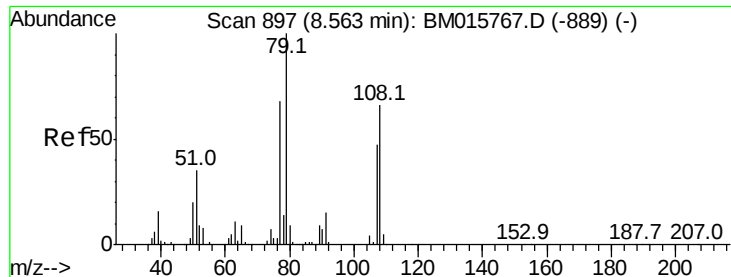
Sohil
 7/10/2018 2:50:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.854 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	45.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 55.122 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

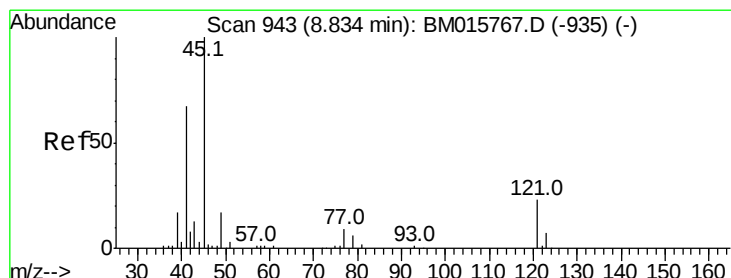
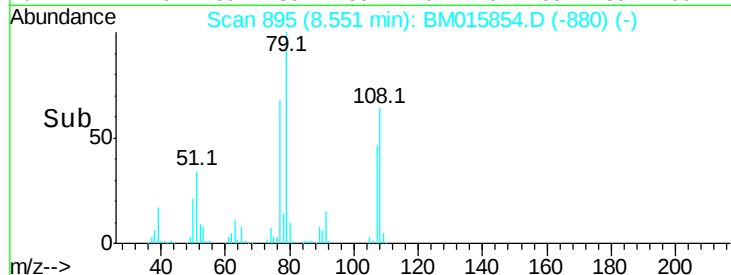
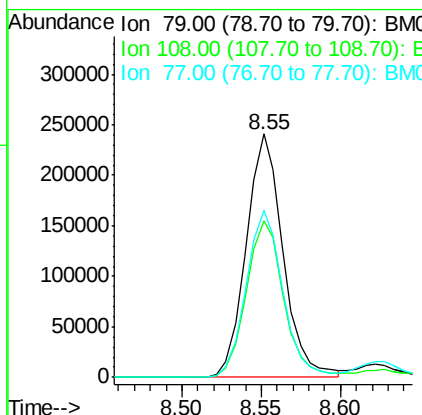
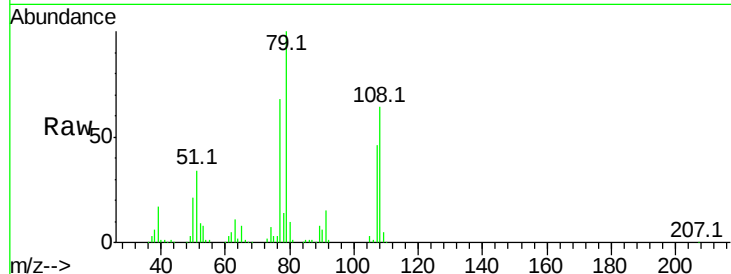
ClientSampleId :

PB110919BS

Tot Ion:	79	Resp:	387721
Ion Ratio	Lower	Upper	
79	100		
108	64.4	65.0	97.4#
77	68.3	53.0	79.6

Manual Integrations
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7/10/2018 2:50:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 74.721 ng

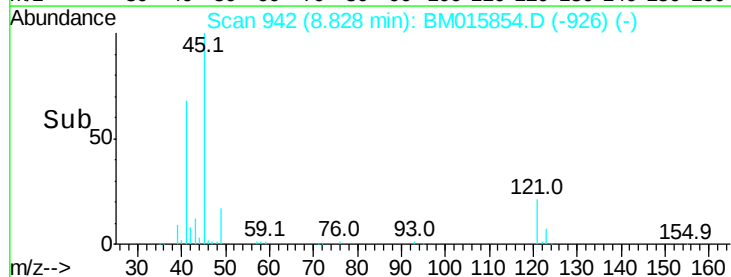
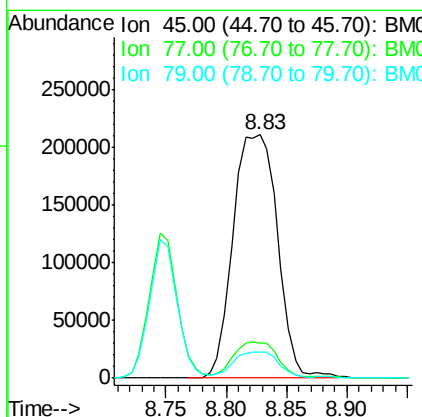
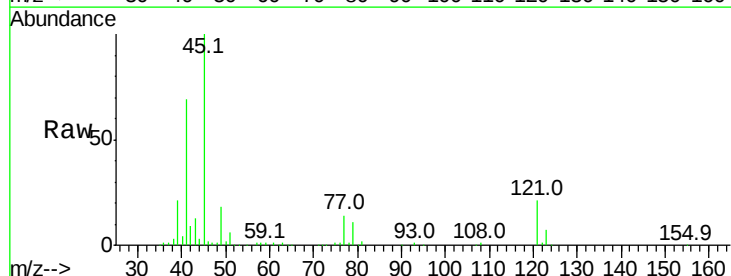
RT: 8.83 min Scan# 942

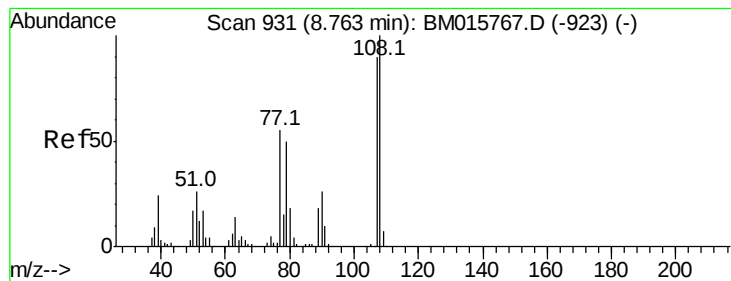
Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	45	Resp:	540419
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	35.2
79	10.8	0.0	32.0





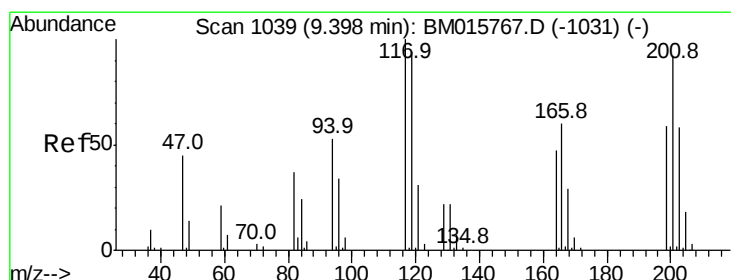
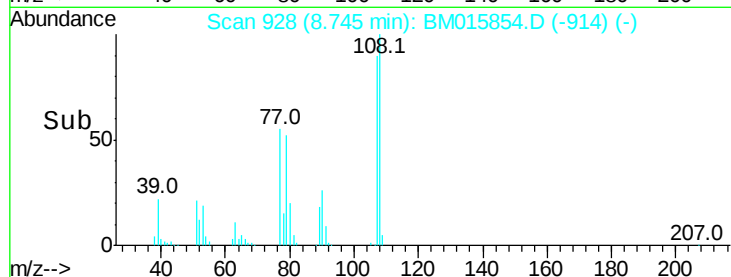
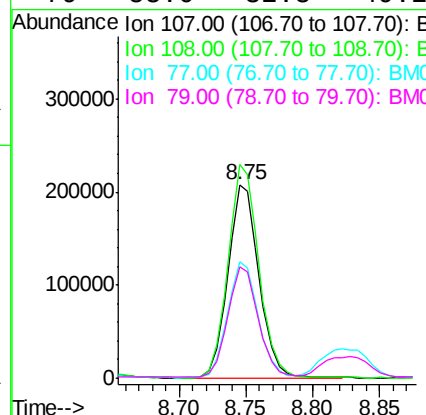
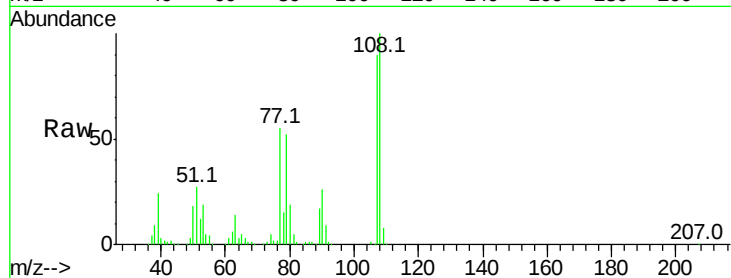
#17
2-Methylphenol
Concen: 59.650 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.5	89.8	134.8
77	60.5	32.6	48.8#
79	58.0	32.8	49.2#

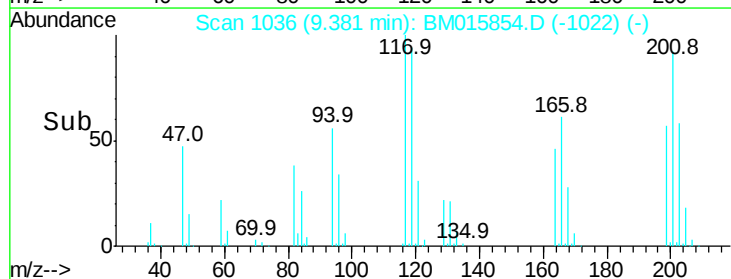
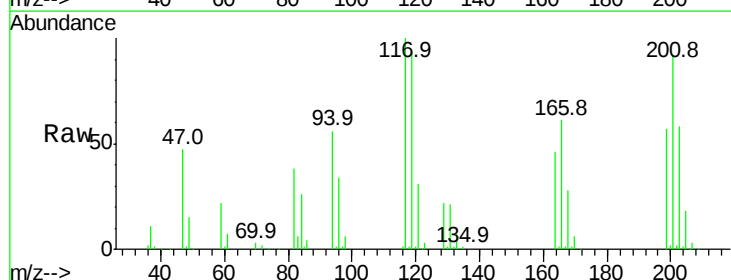
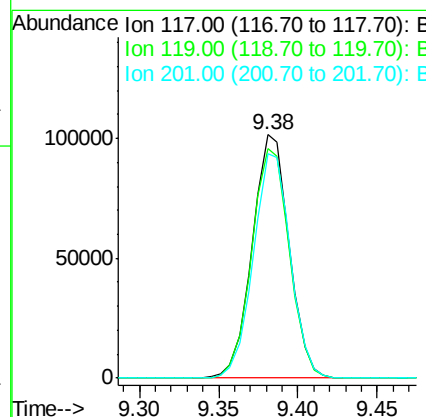
Manual Integrations
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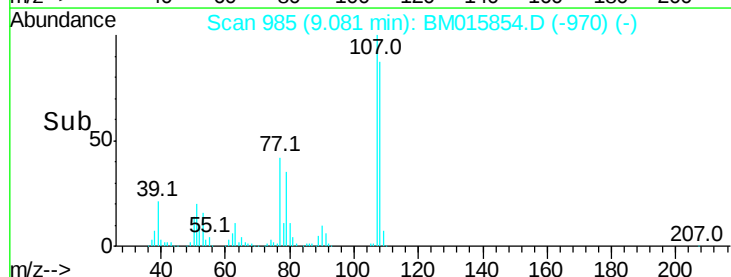
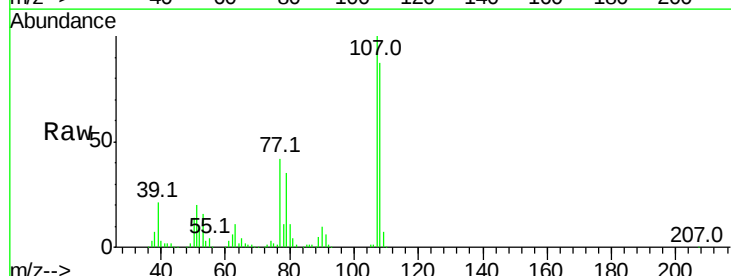
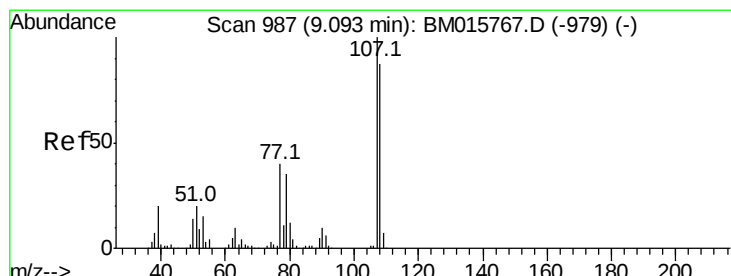
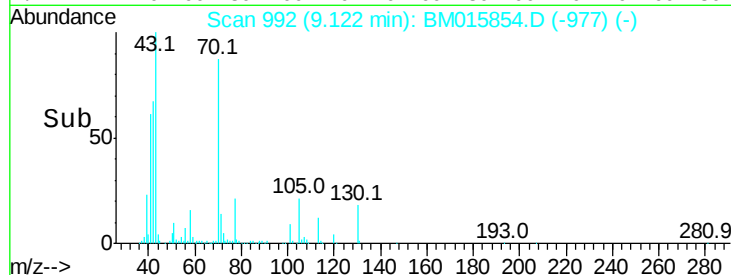
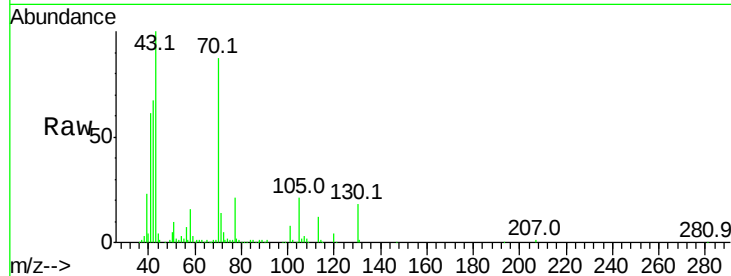
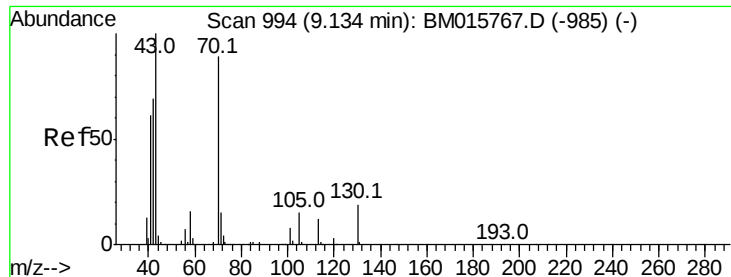
Sohil
7/10/2018 2:50:12 PM



#18
Hexachloroethane
Concen: 51.012 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

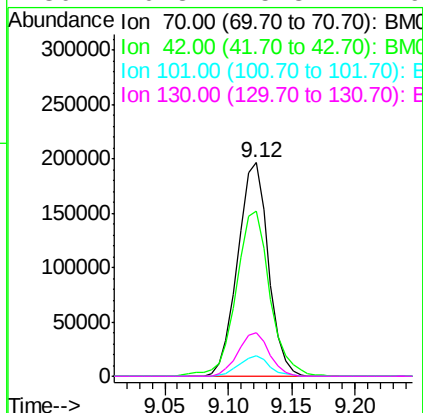
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.1	79.2	118.8
201	92.2	69.8	104.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.858 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.6	44.5	66.7#	
101	9.8	7.4	11.2	
130	20.3	15.3	22.9	



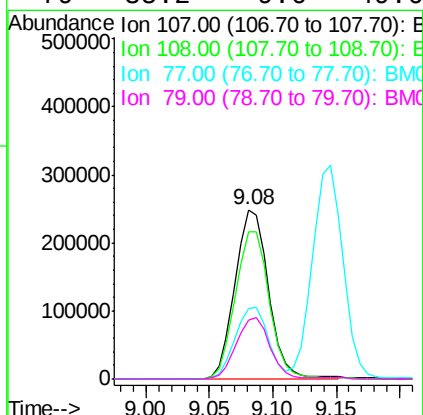
Instrument :
BNA_M
ClientSampleId :
PB110919BS

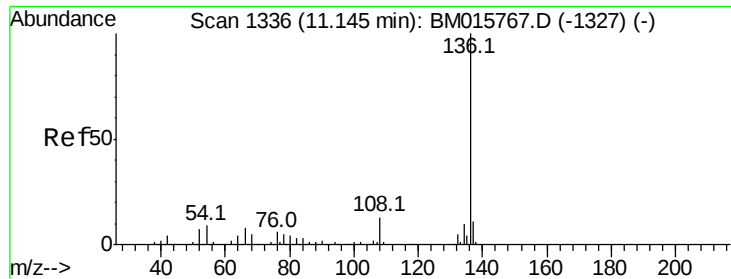
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#20
3+4-Methylphenols
Concen: 58.594 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	73.2	113.2	
77	42.0	10.7	50.7	
79	35.2	9.6	49.6	





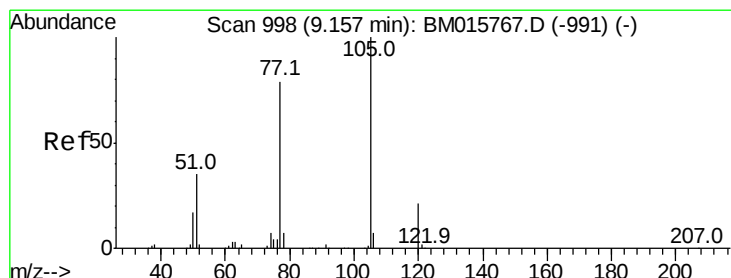
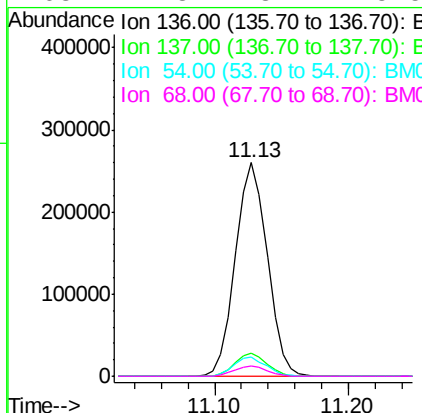
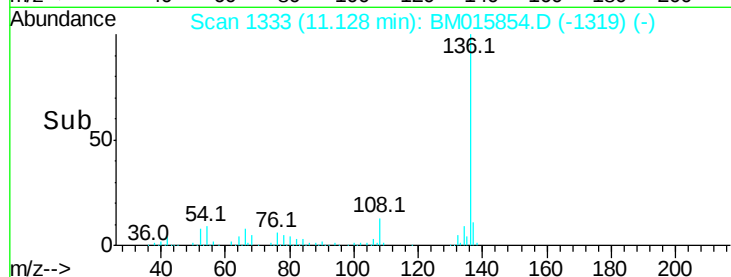
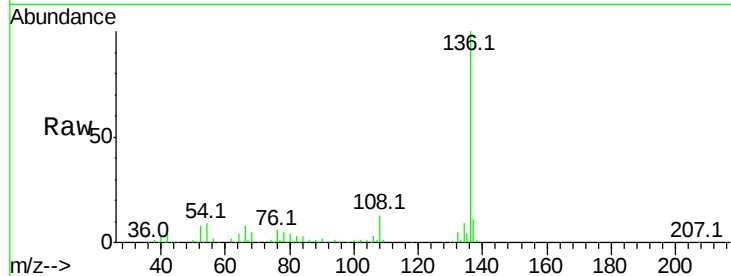
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.0	4.6	6.8#	
68	4.8	3.7	5.5	

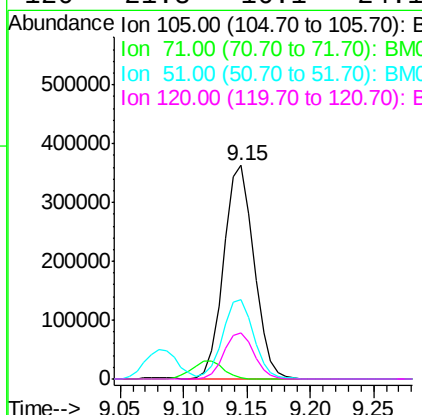
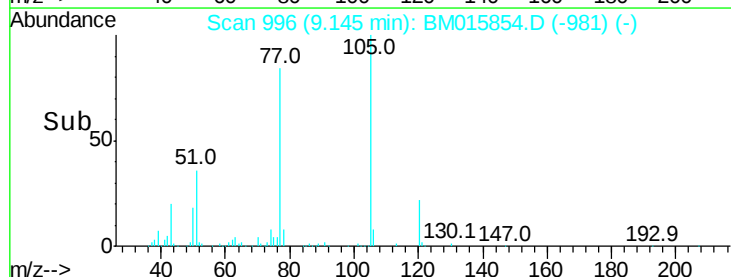
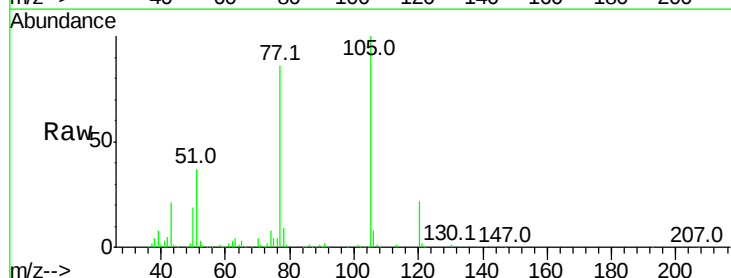
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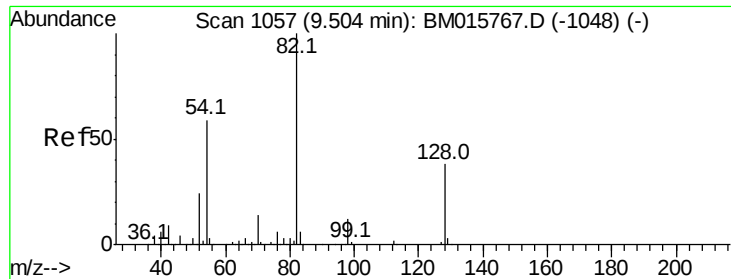
Sohil
7/10/2018 2:50:12 PM



#22
Acetophenone
Concen: 53.520 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.6	1.0#	
51	37.3	21.6	32.4#	
120	21.8	16.1	24.1	





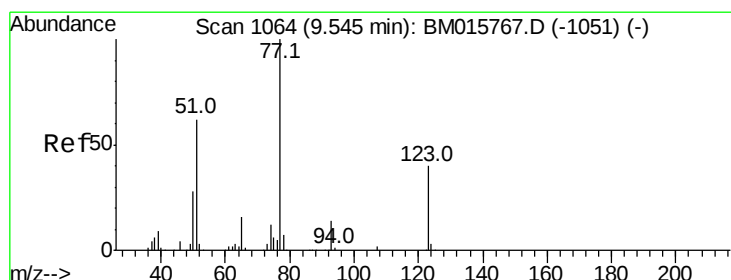
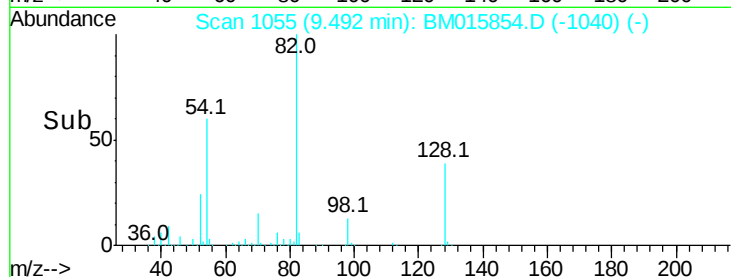
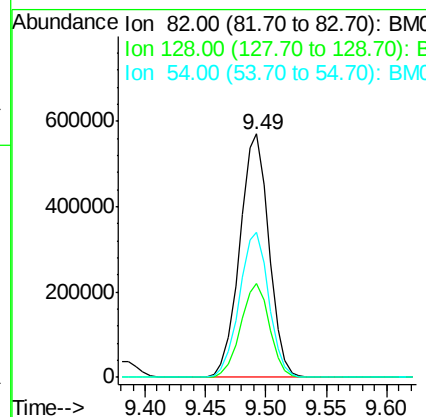
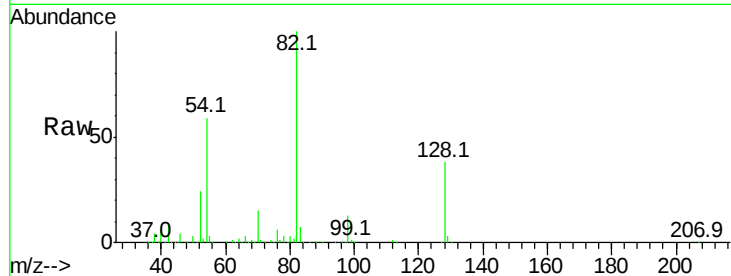
#23
 Nitrobenzene-d5
 Concen: 53.520 ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	32.8	49.2	
54	59.4	40.6	60.8	

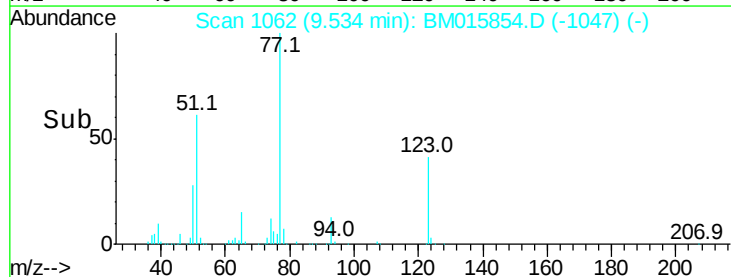
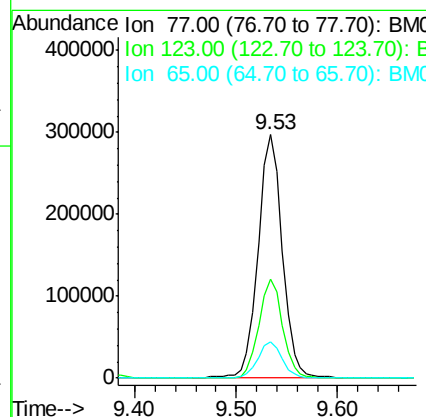
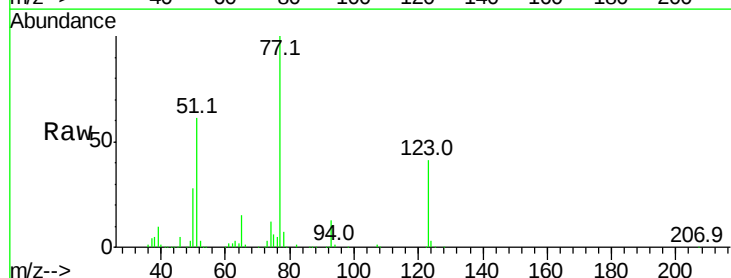
Manual Integrations
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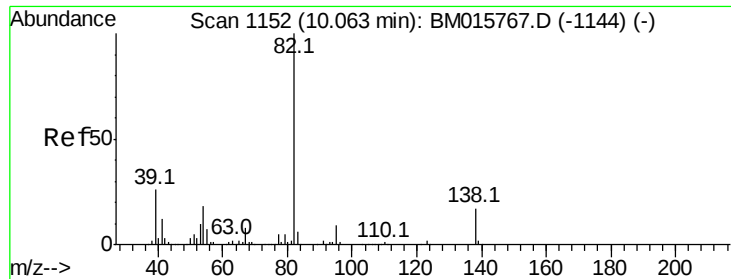
Sohil
 7/10/2018 2:50:12 PM



#24
 Nitrobenzene
 Concen: 57.453 ng
 RT: 9.53 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.5	32.6	49.0	
65	14.9	10.9	16.3	





#25

Isophorone

Concen: 62.004 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tot Ion: 82 Resp: 835884

Ion Ratio Lower Upper

82 100

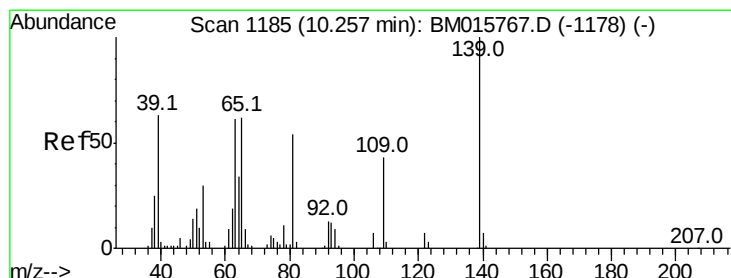
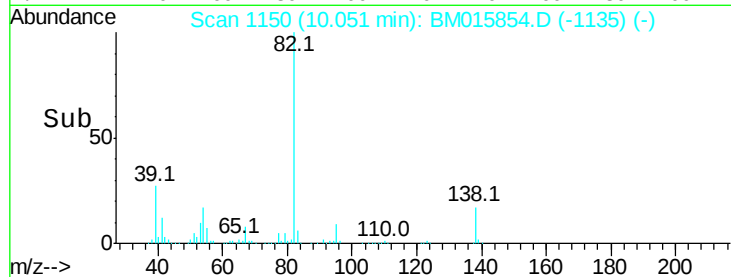
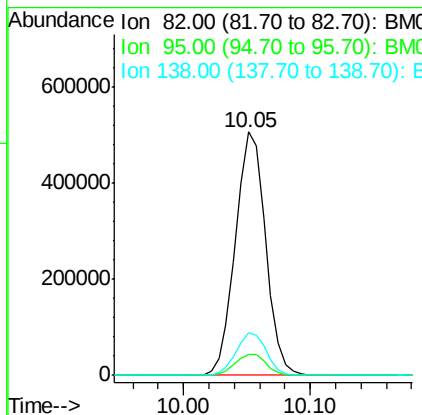
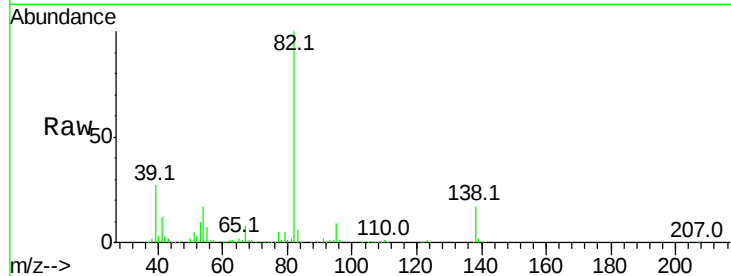
95 8.8 5.8 8.6#

138 17.3 16.3 24.5

Manual Integrations
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Sohil

7/10/2018 2:50:12 PM



#26

2-Nitrophenol

Concen: 57.975 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

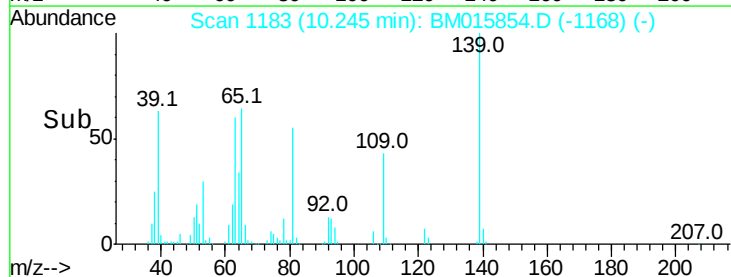
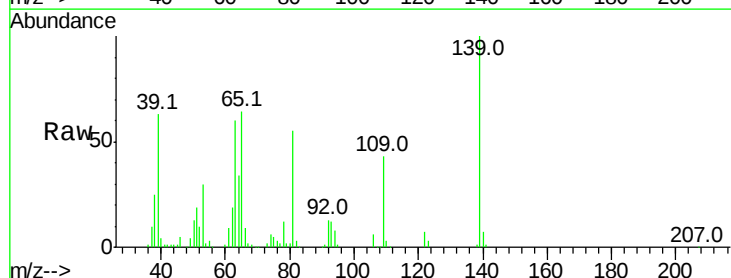
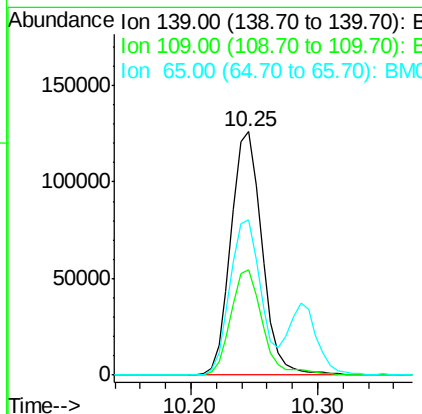
Tgt Ion: 139 Resp: 214636

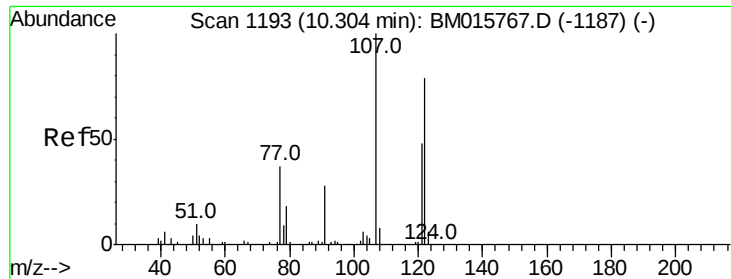
Ion Ratio Lower Upper

139 100

109 43.4 20.1 30.1#

65 63.8 31.5 47.3#





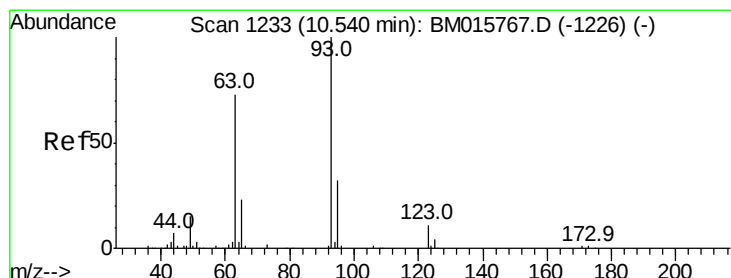
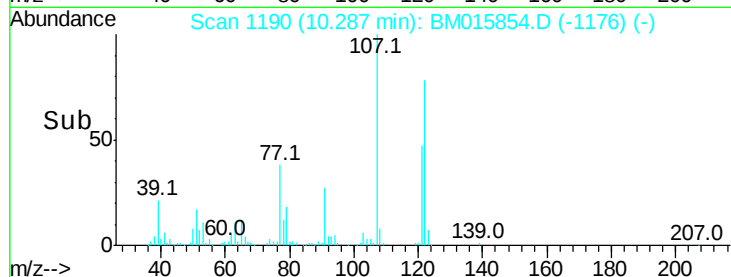
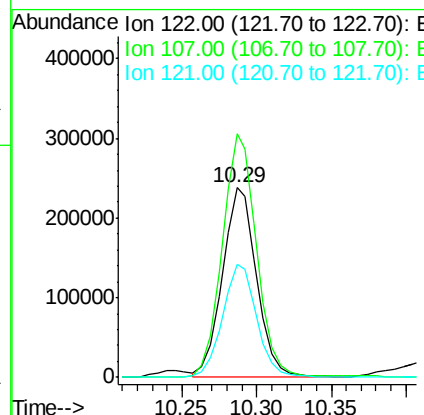
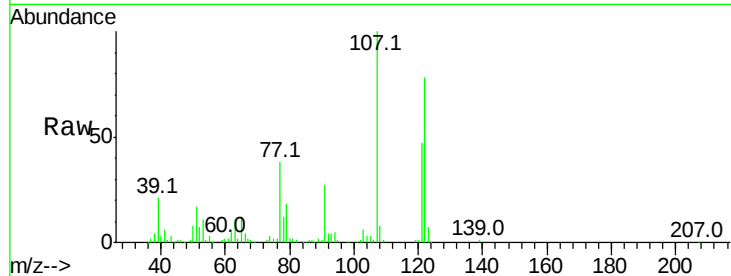
#27
2,4-Dimethylphenol
Concen: 67.229 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	84.7	127.1#
121	59.7	46.6	69.8

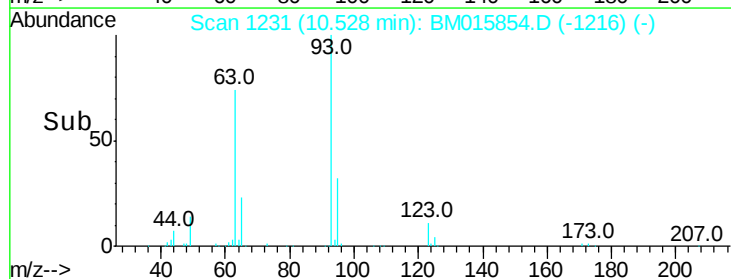
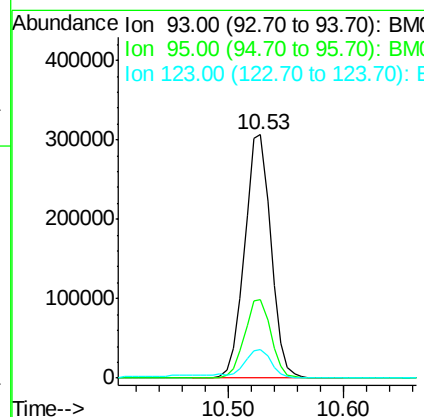
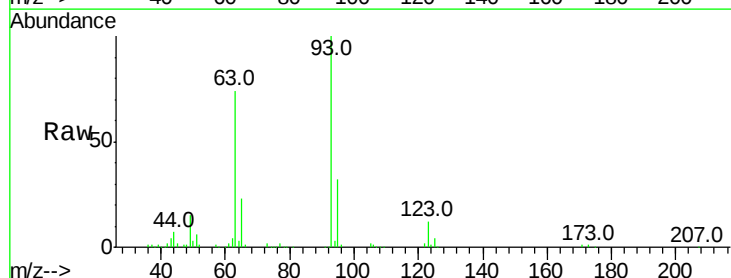
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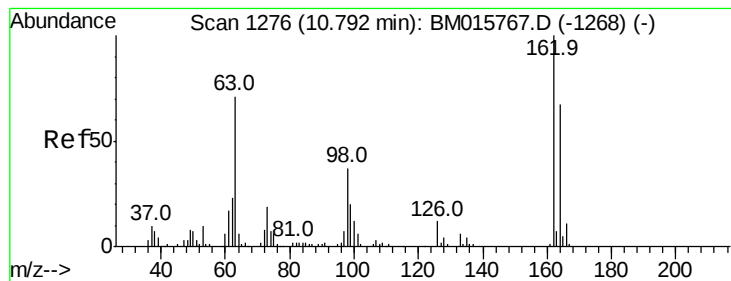
Sohil
7/10/2018 2:50:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 55.210 ng
RT: 10.53 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	12.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 62.869 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

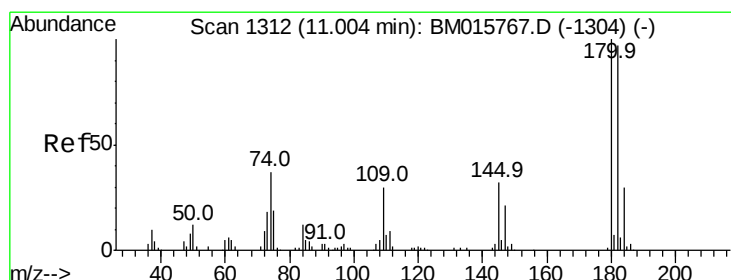
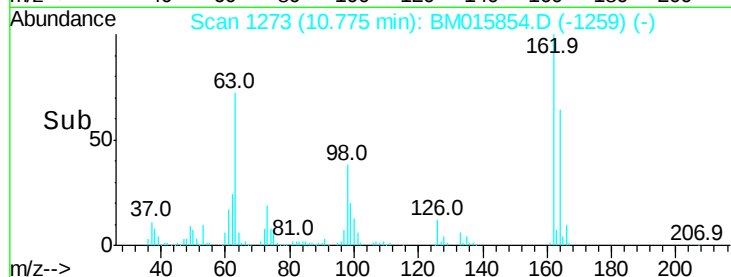
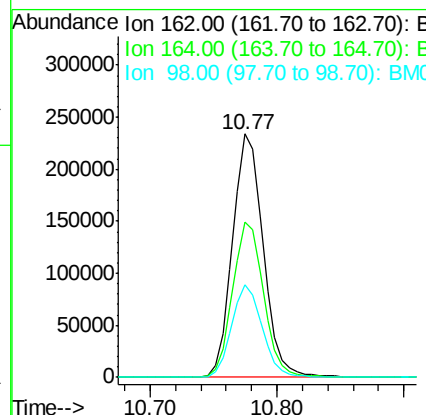
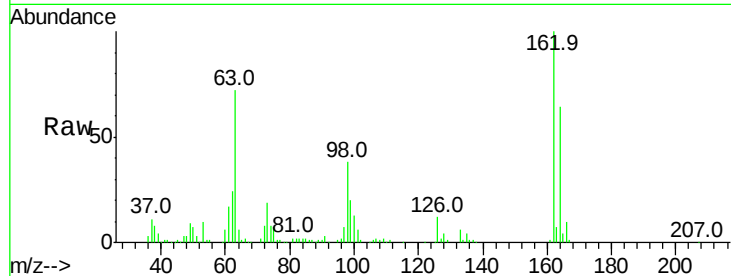
ClientSampleId :

PB110919BS

Tot Ion:	162	Resp:	391609
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.8	82.8
98	38.1	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 53.611 ng

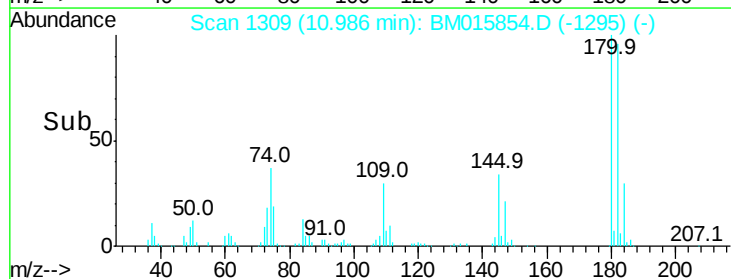
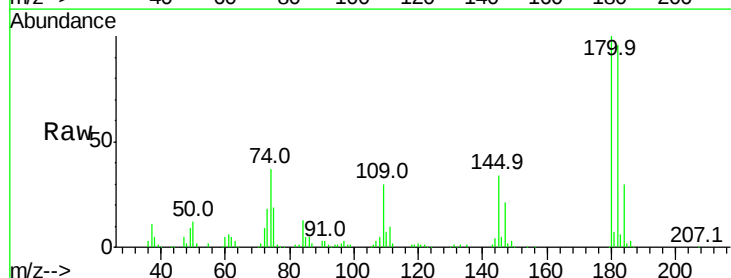
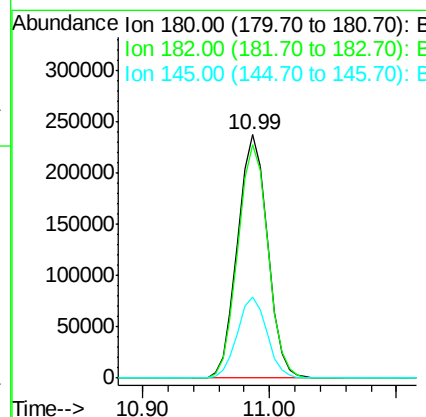
RT: 10.99 min Scan# 1309

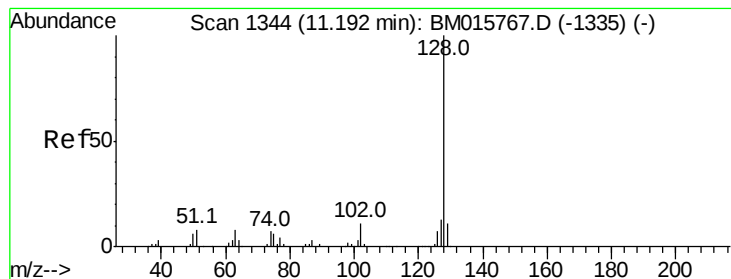
Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	180	Resp:	387876
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.6	116.4
145	33.5	23.4	35.2





#31

Naphthalene

Concen: 53.899 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tot Ion:128 Resp: 1204252

Ion Ratio Lower Upper

128 100

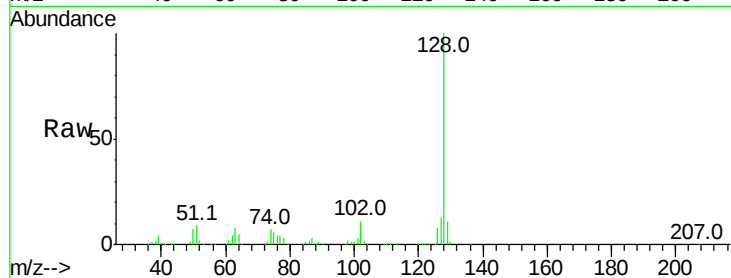
129 10.9 8.9 13.3

127 13.4 10.4 15.6

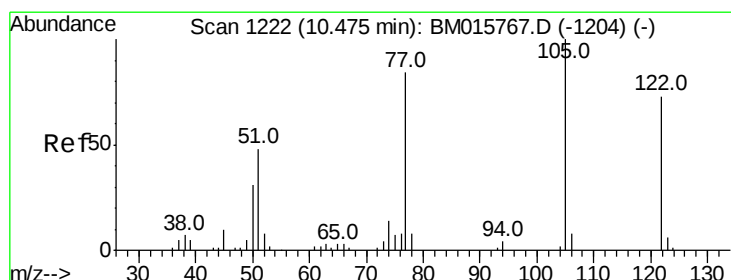
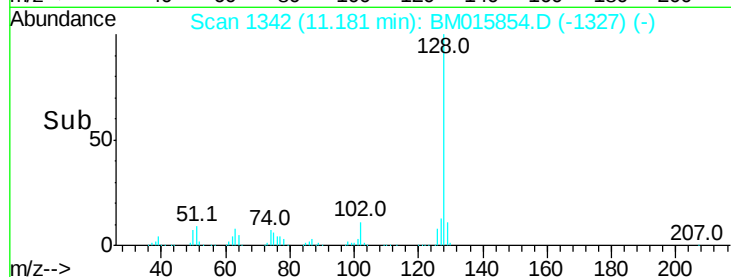
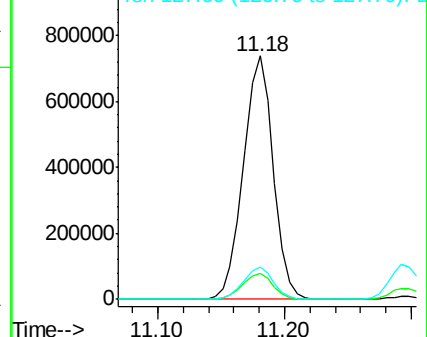
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.830 ng m

RT: 10.49 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

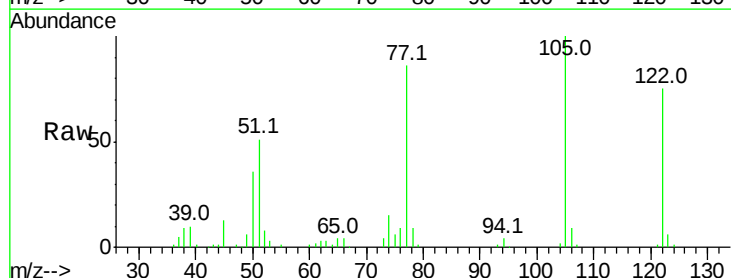
Tgt Ion:122 Resp: 238171

Ion Ratio Lower Upper

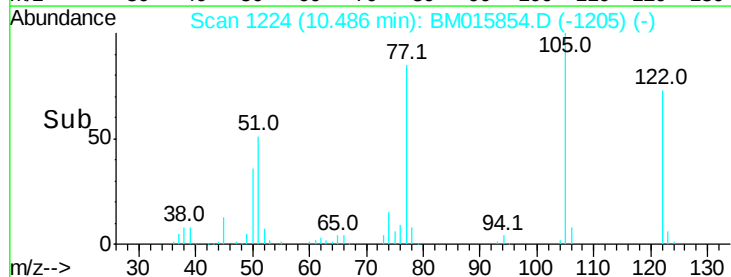
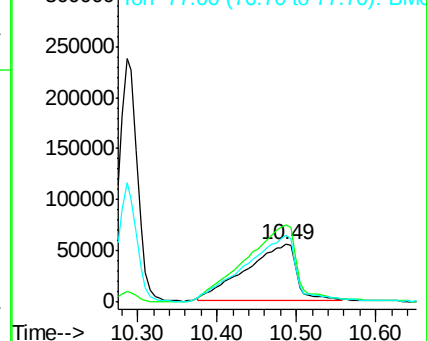
122 100

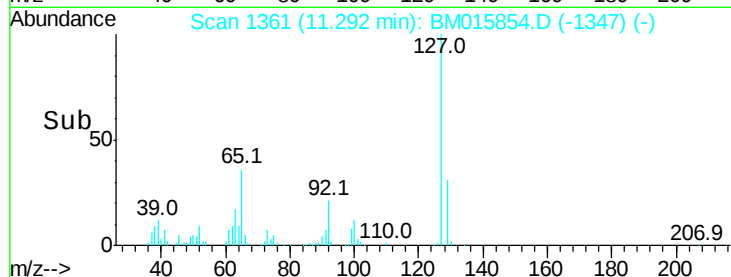
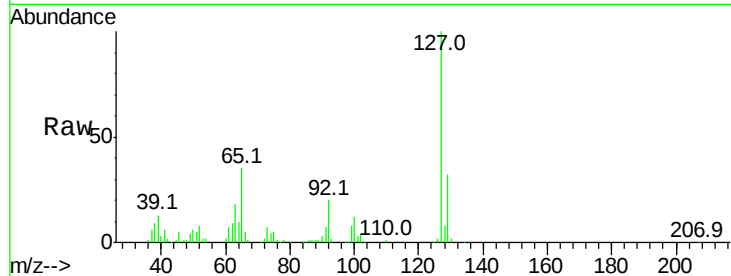
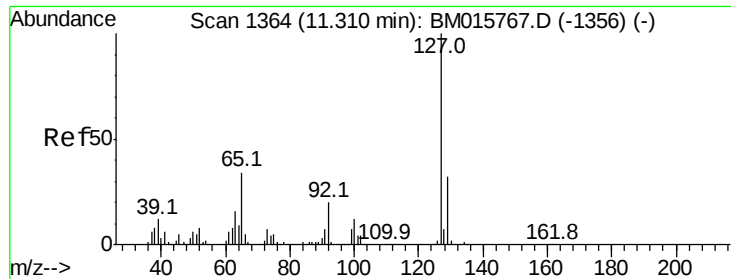
105 134.0 99.9 139.9

77 115.7 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





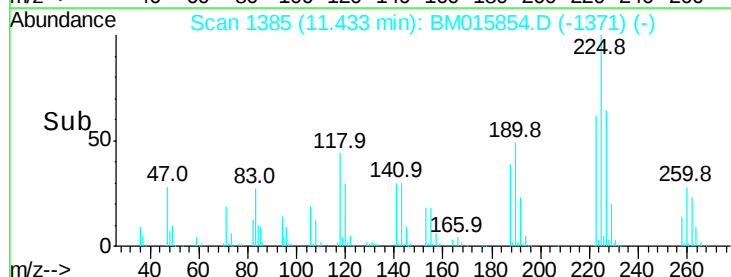
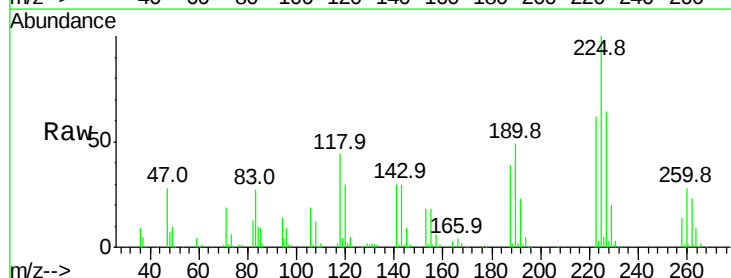
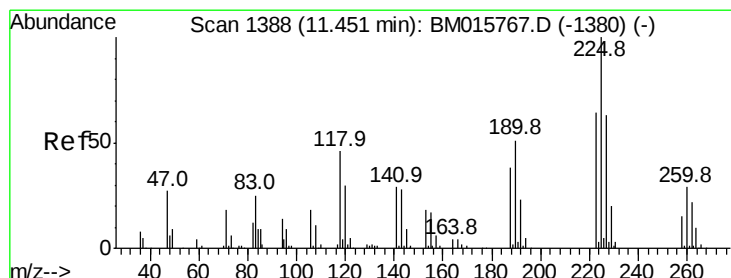
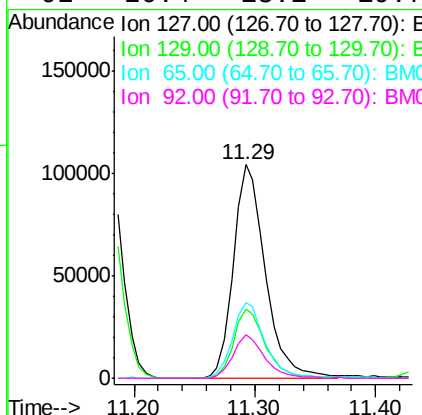
#33
4-Chloroaniline
Concen: 21.074 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.3	37.9	
65	35.4	17.6	26.4	
92	20.4	13.1	19.7	

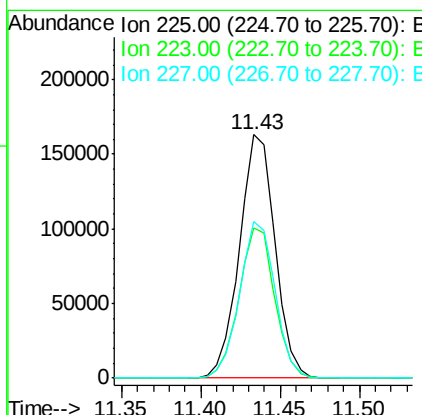
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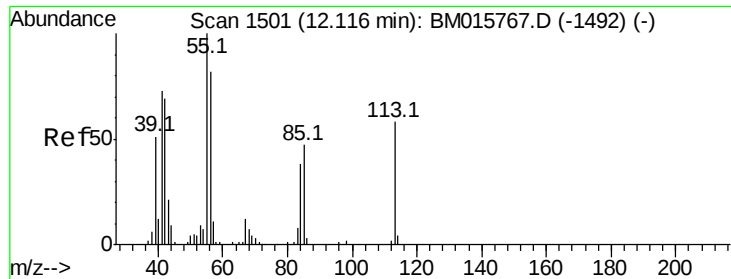
Sohil
7/10/2018 2:50:12 PM



#34
Hexachlorobutadiene
Concen: 52.668 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	47.9	71.9	
227	64.3	50.1	75.1	





#35

Caprolactam

Concen: 58.062 ng/ml

RT: 12.12 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tot Ion:113 Resp: 119945

Ion Ratio Lower Upper

113 100

55 172.7 145.9 185.9

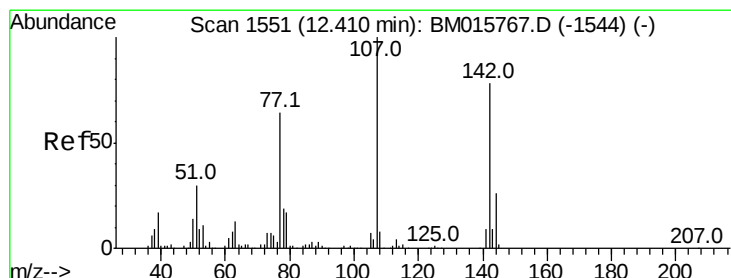
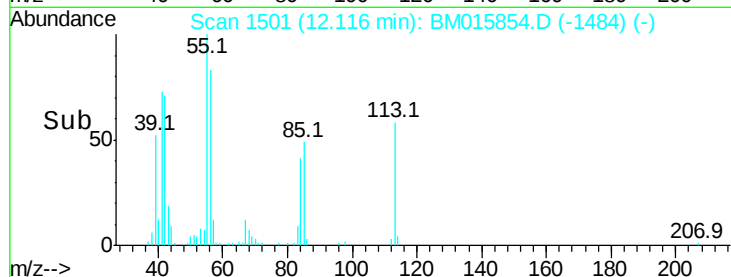
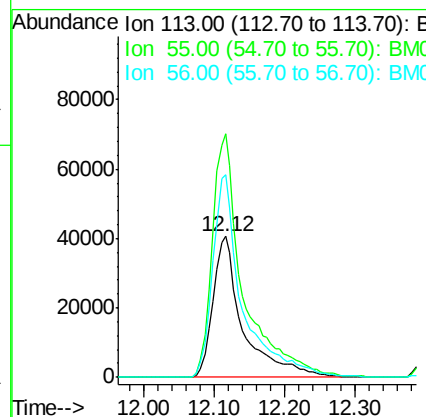
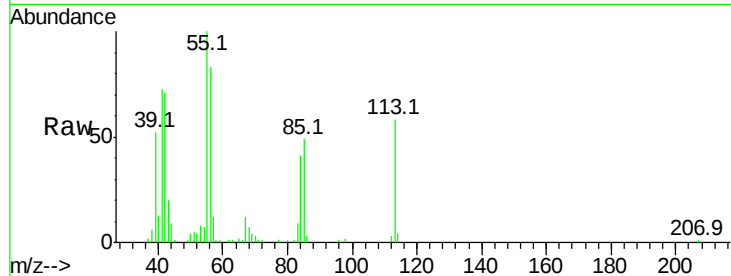
56 143.3 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 62.978 ng/ml

RT: 12.40 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

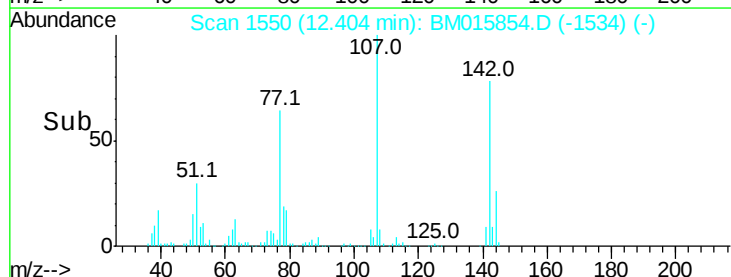
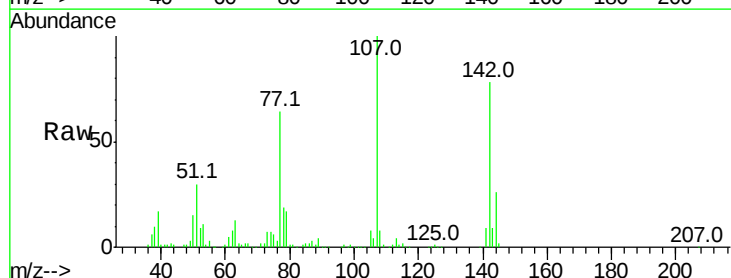
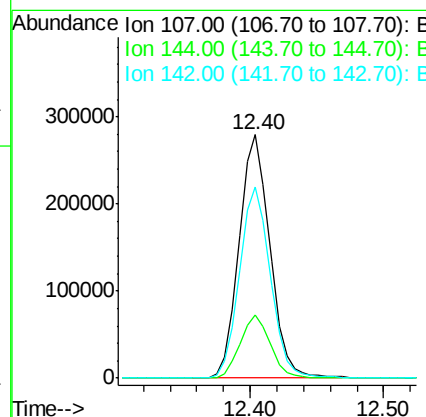
Tgt Ion:107 Resp: 450120

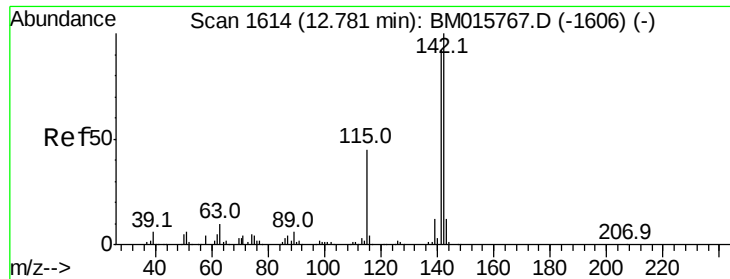
Ion Ratio Lower Upper

107 100

144 25.9 23.3 34.9

142 78.3 72.6 109.0





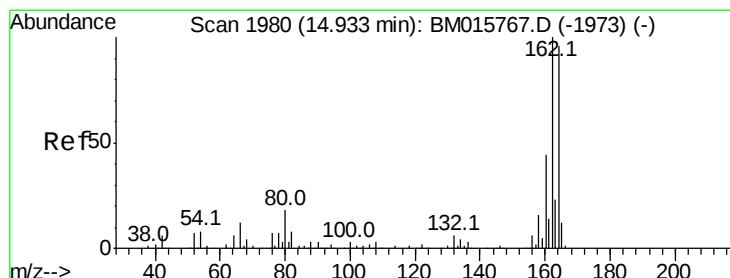
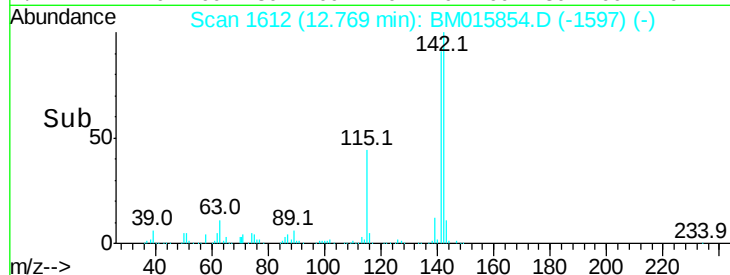
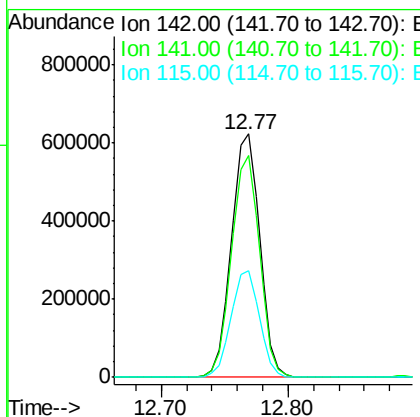
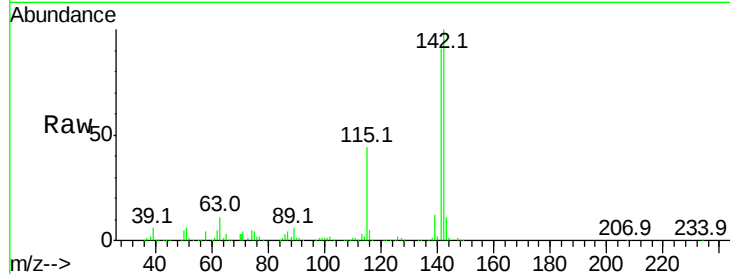
#37
2-Methylnaphthalene
Concen: 60.492 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	961451		
141	91.3	71.9	107.9	
115	43.8	25.4	38.0	

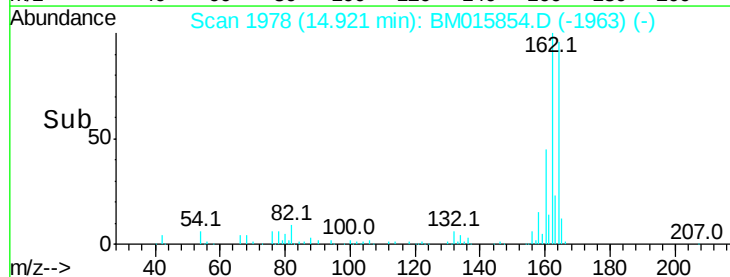
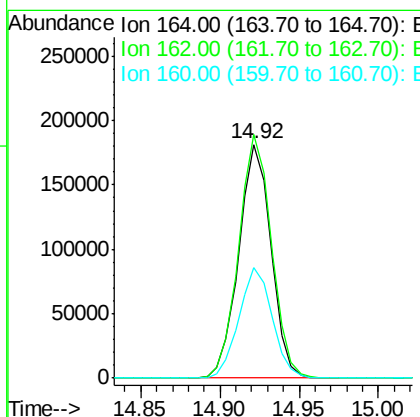
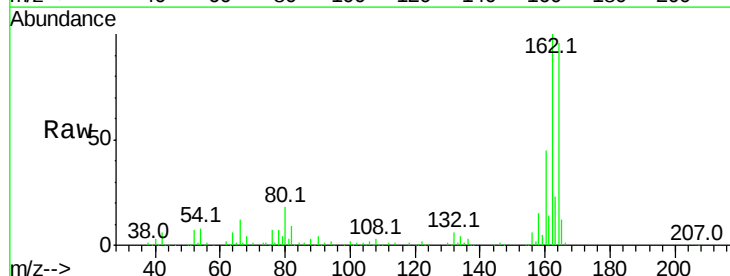
Manual Integrations
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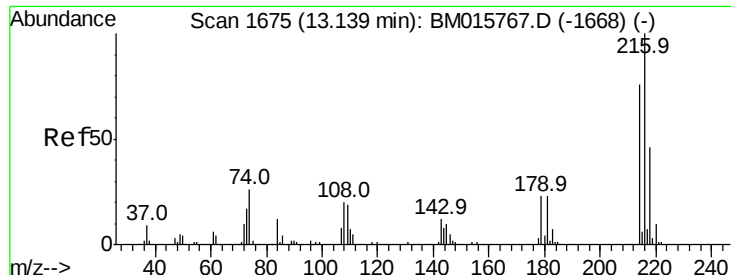
Sohil
7/10/2018 2:50:12 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	255697		
162	104.2	82.4	123.6	
160	47.1	35.8	53.6	





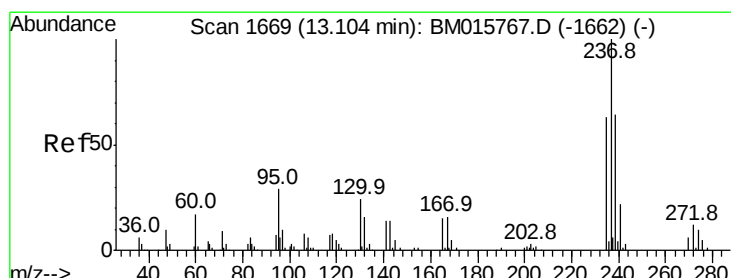
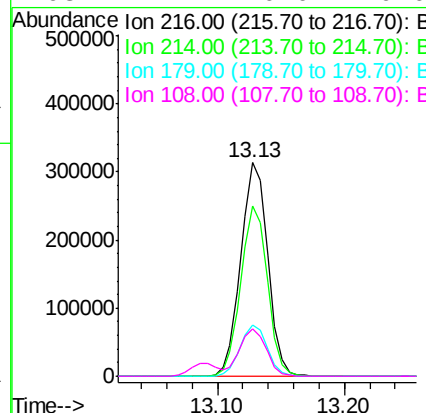
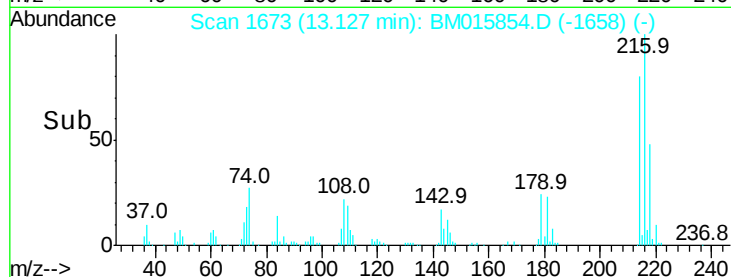
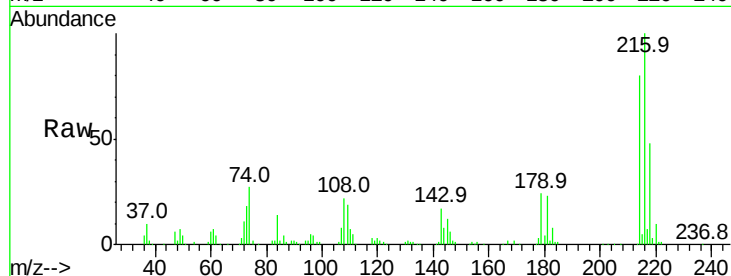
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.037 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	24.1	0.0	0.0#
108	22.1	0.0	0.0#

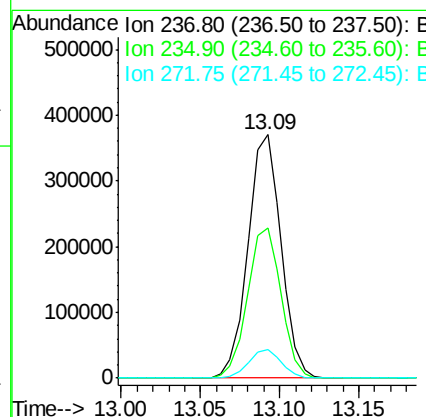
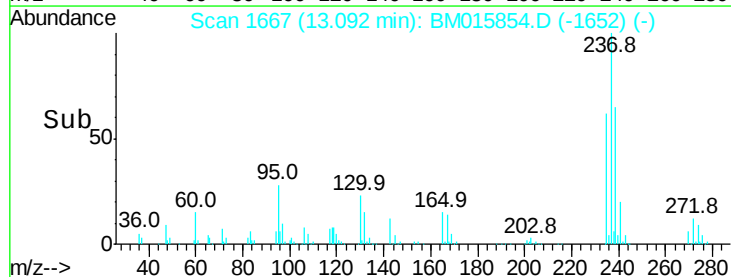
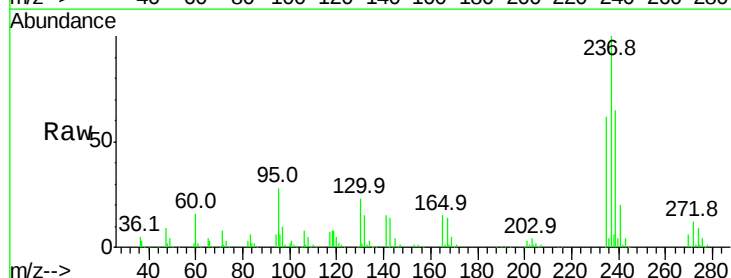
Manual Integrations
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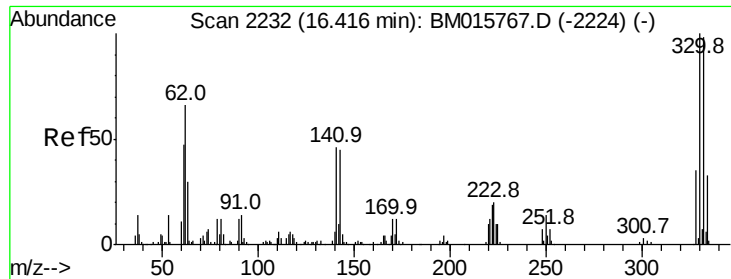
Sohil
 7/10/2018 2:50:12 PM



#40
 Hexachlorocyclopentadiene
 Concen: 132.588 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	42.0	82.0
272	11.9	0.0	33.4





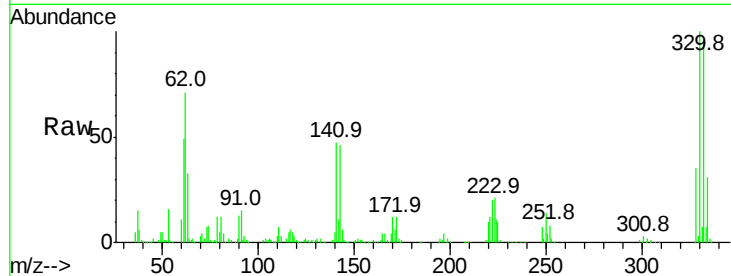
#41
 2,4,6-Tribromophenol
 Concen: 132.588 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	49.4	0.0	0.0#

Manual Integrations
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 7/10/2018 2:50:12 PM

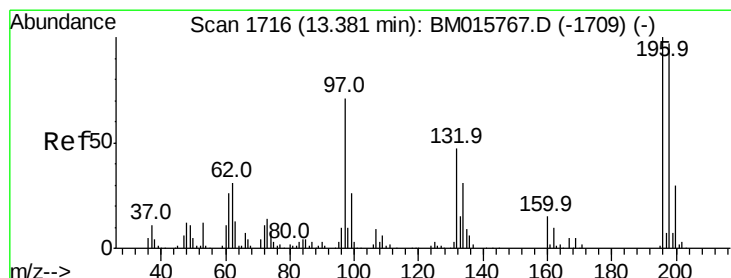
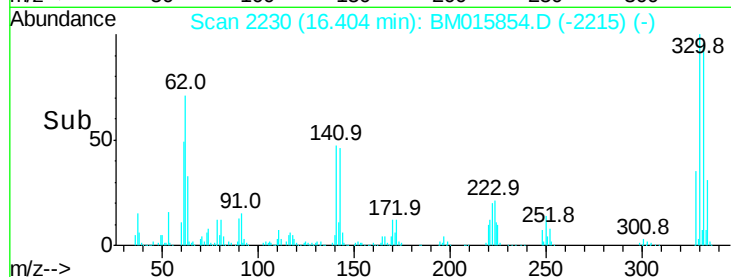
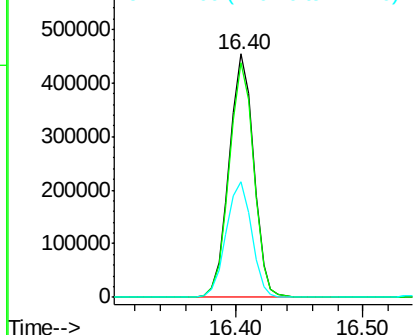


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 60.607 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

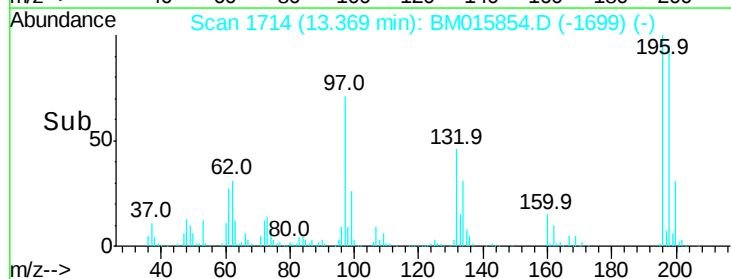
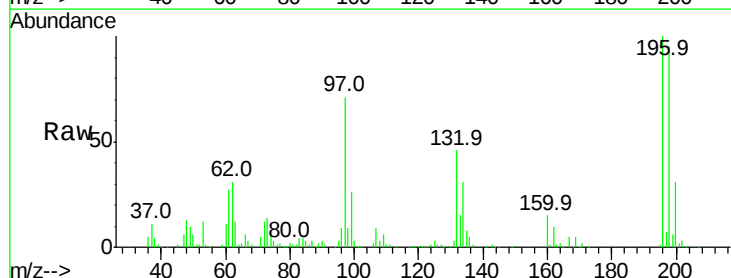
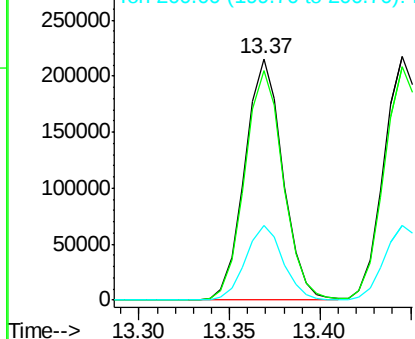
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.0	76.3	114.5
200	31.0	25.6	38.4

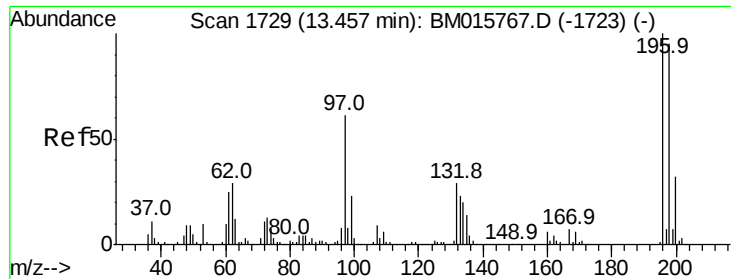
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





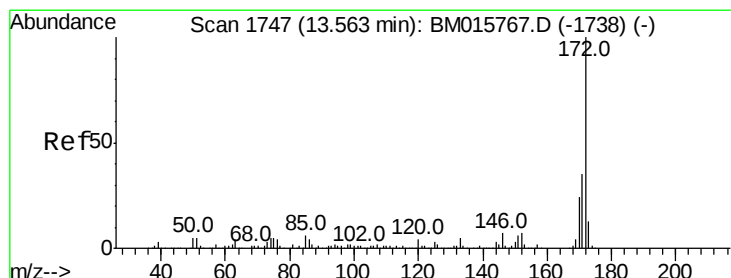
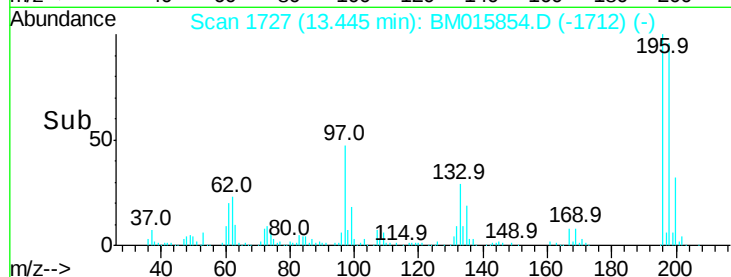
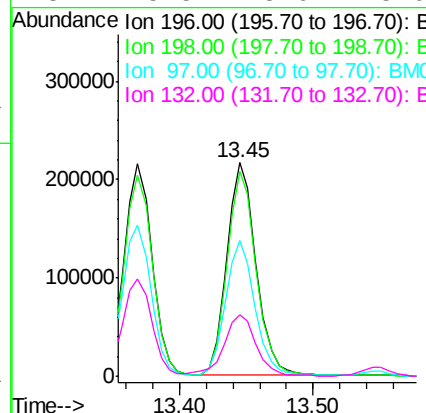
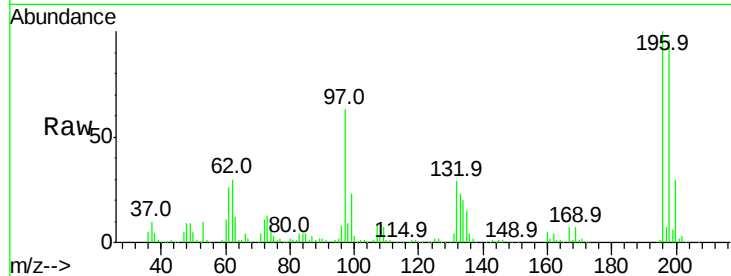
#43
 2,4,5-Trichlorophenol
 Concen: 59.424 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333003		
198	95.7	79.4	119.0	
97	63.3	26.8	40.2	#
132	28.5	18.6	28.0	#

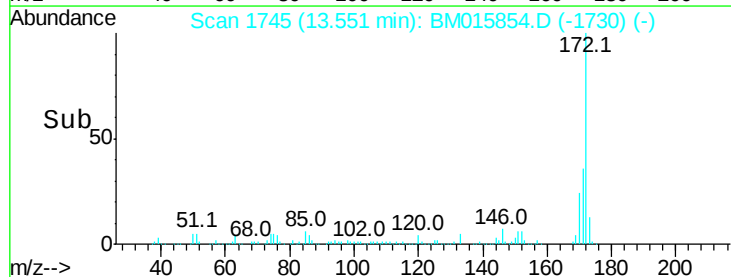
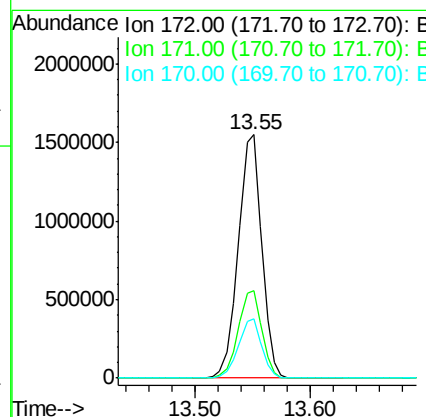
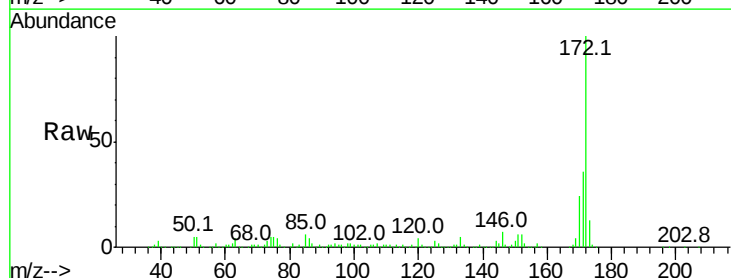
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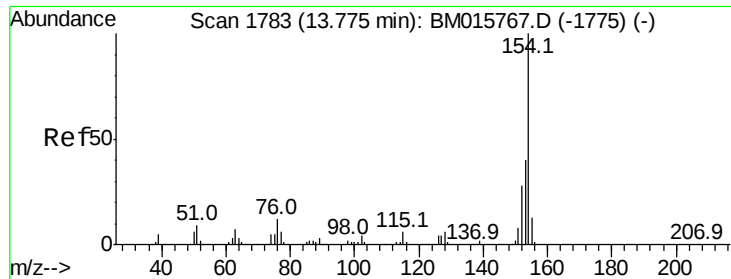
Sohil
 7/10/2018 2:50:12 PM



#44
 2-Fluorobiphenyl
 Concen: 59.424 ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2182698		
171	35.9	28.5	42.7	
170	24.1	18.8	28.2	





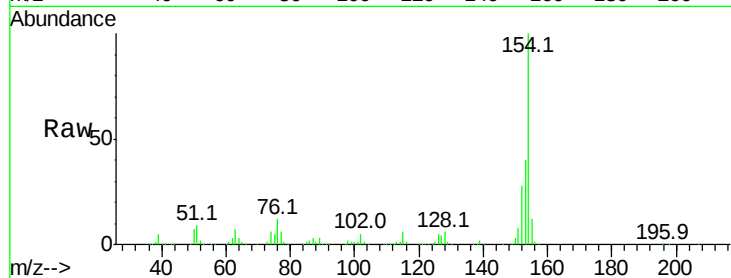
#45
 1,1'-Biphenyl
 Concen: 55.691 ng
 RT: 13.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

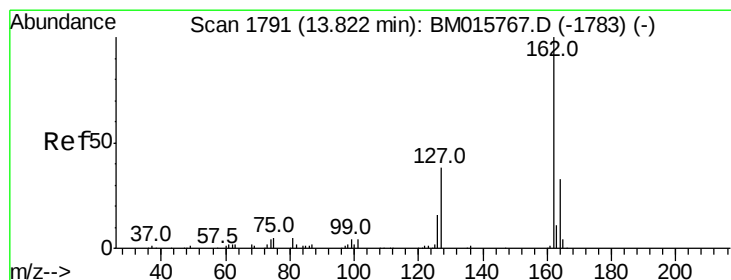
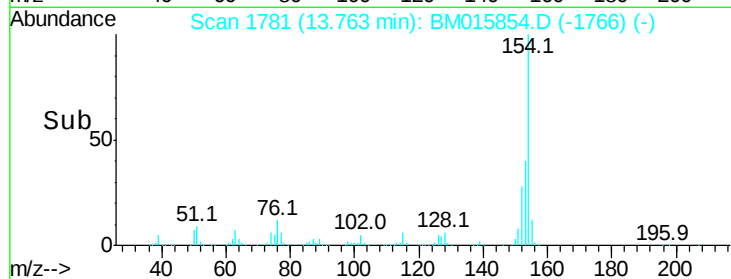
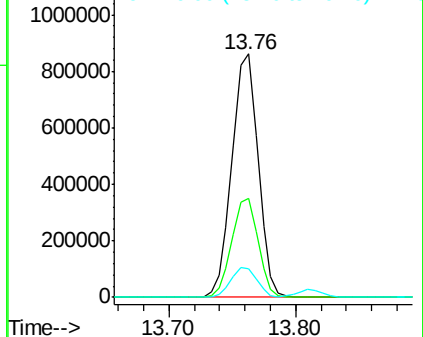
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	11.8	0.0	30.9

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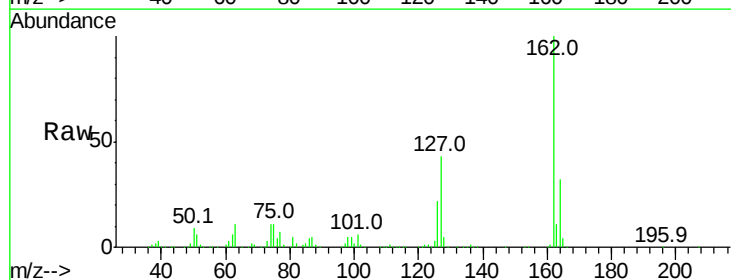


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

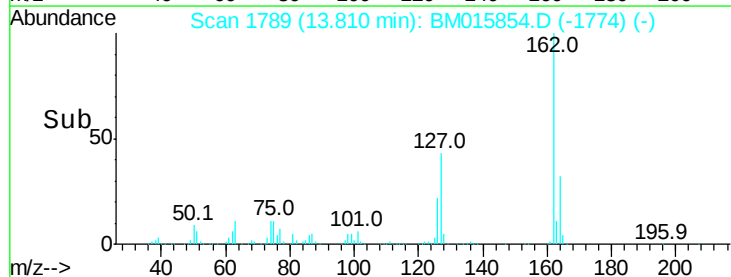
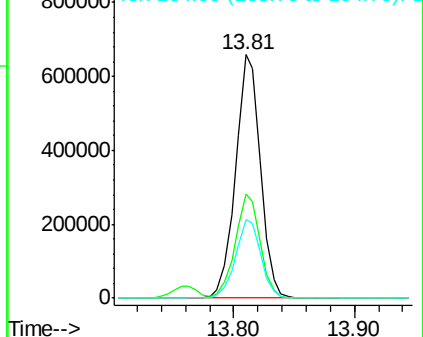


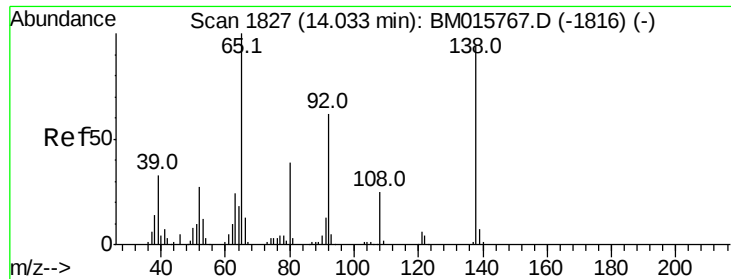
#46
 2-Chloronaphthalene
 Concen: 56.913 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	26.9	40.3#
164	32.3	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 58.121 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

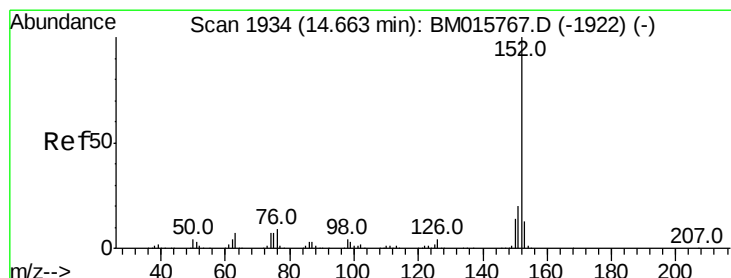
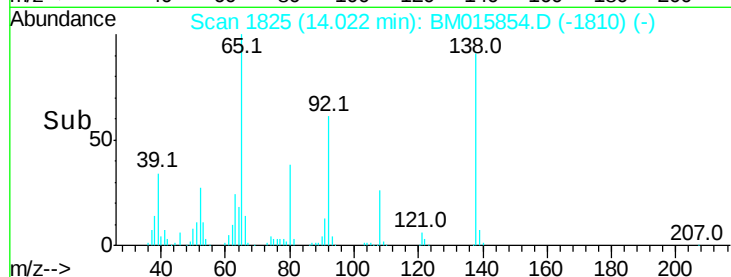
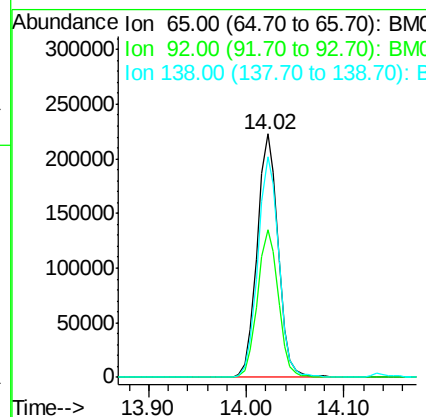
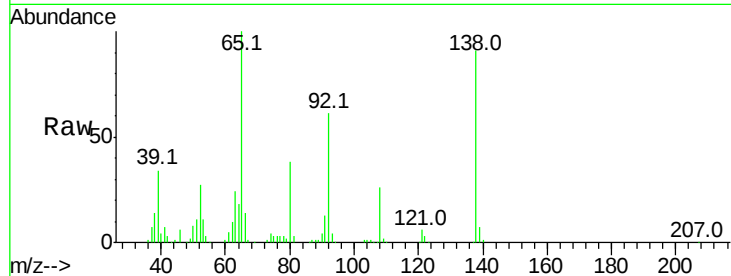
PB110919BS

Tot Ion: 65 Resp: 335018

Ion	Ratio	Lower	Upper
65	100		
92	60.7	59.1	88.7
138	90.6	93.9	140.9

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#48

Acenaphthylene

Concen: 57.665 ng

RT: 14.65 min Scan# 1932

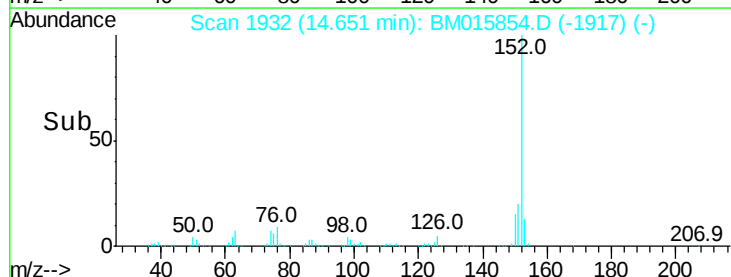
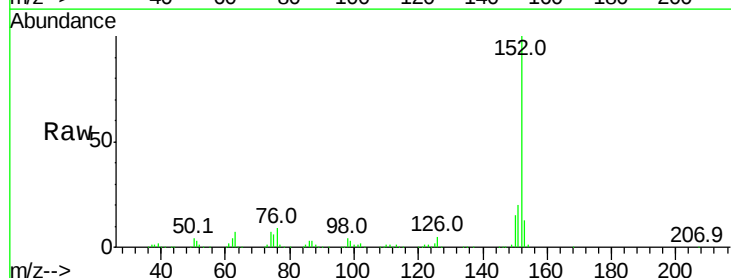
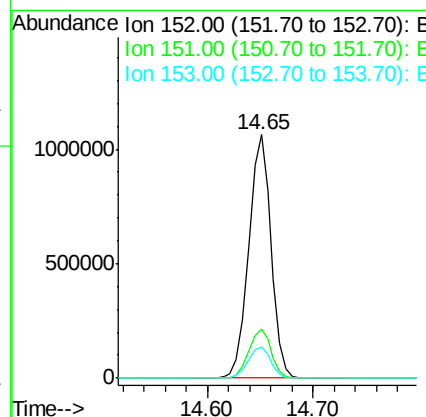
Delta R.T. -0.01 min

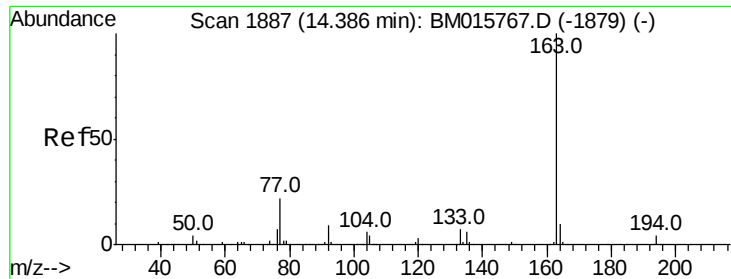
Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion: 152 Resp: 1550547

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	12.9	10.6	16.0





#49

Dimethylphthalate

Concen: 54.837 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampled :

PB110919BS

Tot Ion:163 Resp: 1236604

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

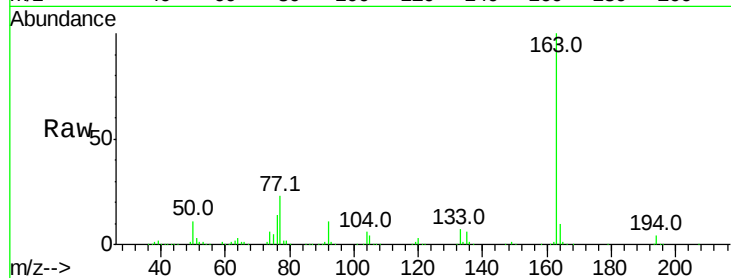
164 10.0 8.2 12.2

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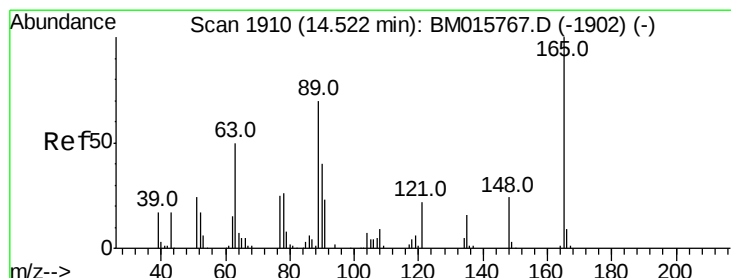
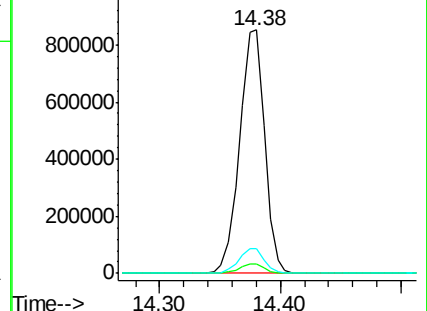
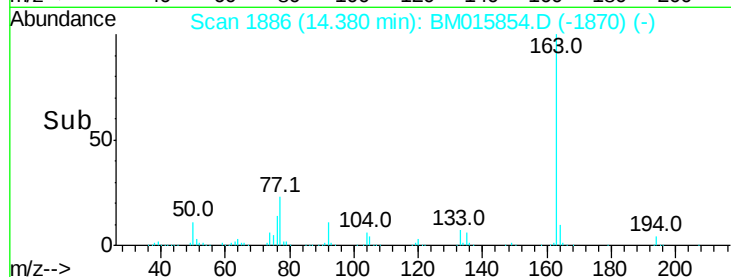
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 59.174 ng

RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

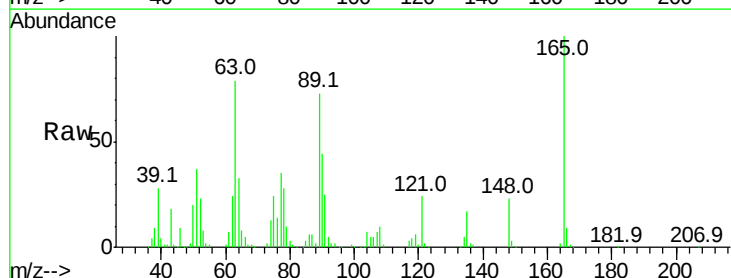
Tgt Ion:165 Resp: 260180

Ion Ratio Lower Upper

165 100

63 78.7 44.1 66.1#

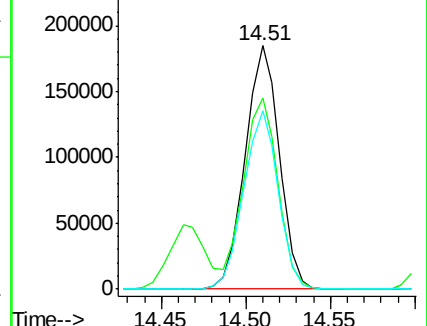
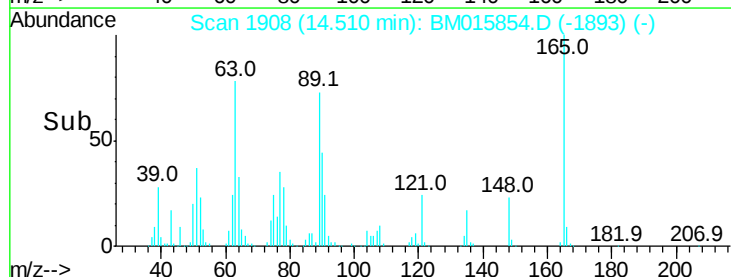
89 73.3 44.3 66.5#

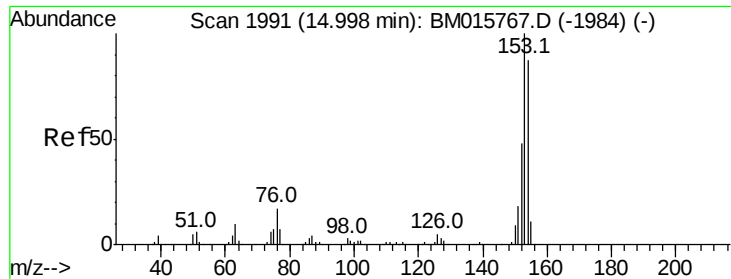


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 53.067 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

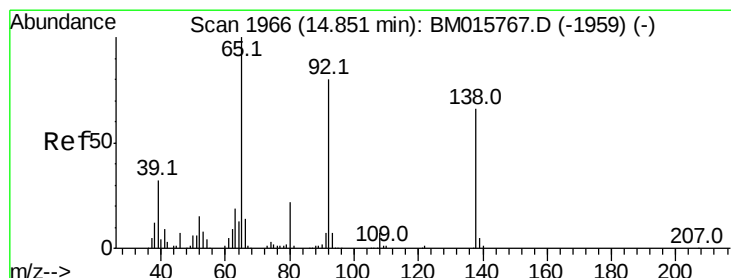
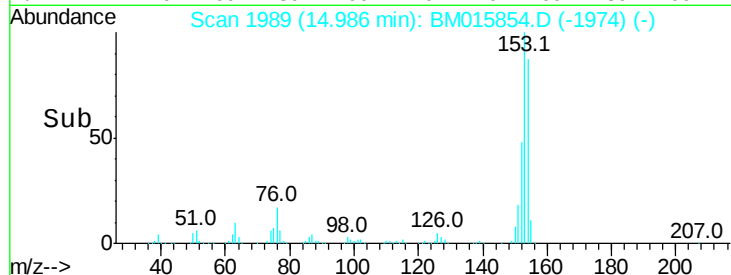
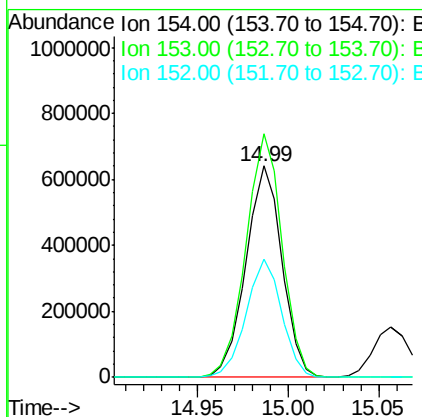
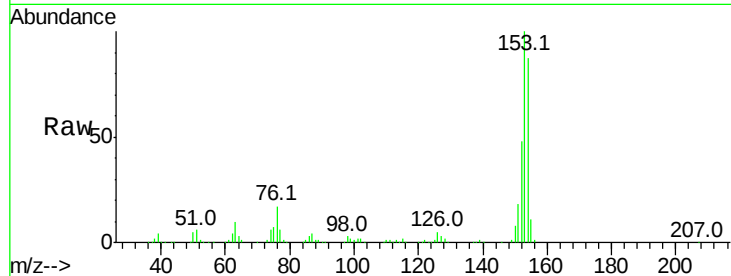
ClientSampleId :

PB110919BS

Tot Ion:	154	Resp:	887920
Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.0	135.0
152	55.6	42.6	63.8

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#52

3-Nitroaniline

Concen: 31.113 ng

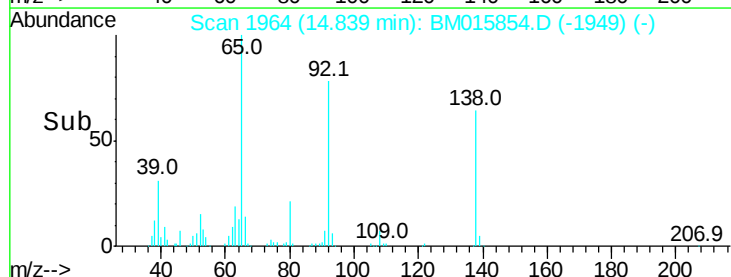
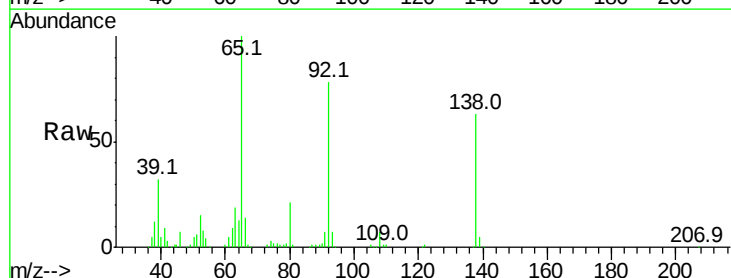
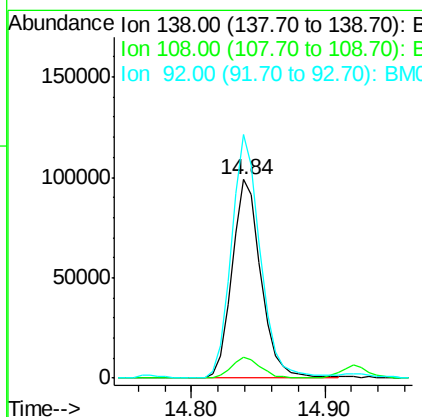
RT: 14.84 min Scan# 1964

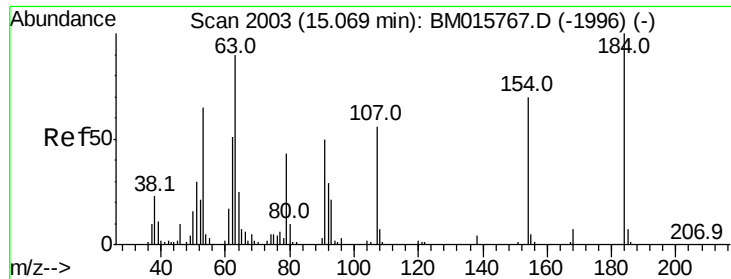
Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	138	Resp:	149734
Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.3	10.9
92	122.5	76.6	114.8#





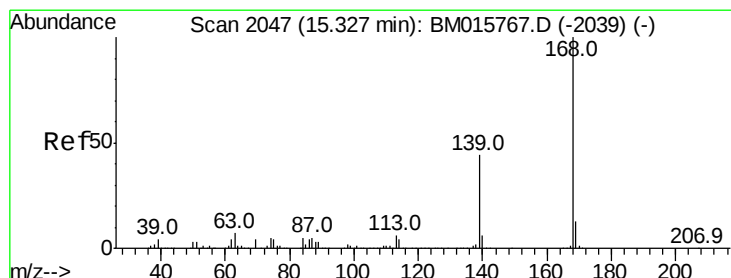
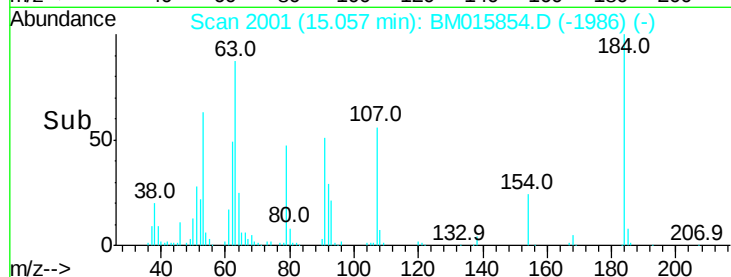
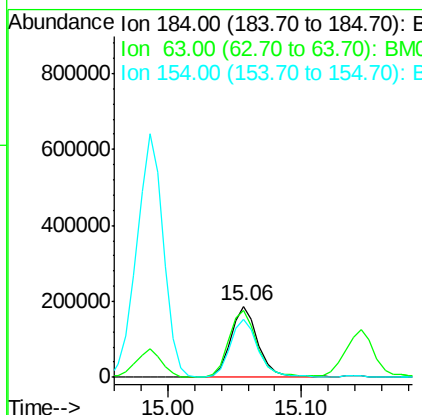
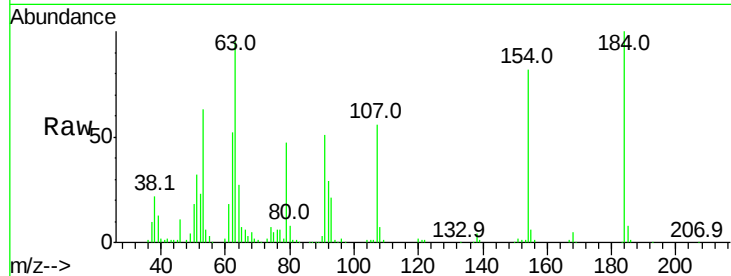
#53
2,4-Dinitrophenol
Concen: 119.380 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.9	69.2	103.8
154	82.3	53.3	79.9#

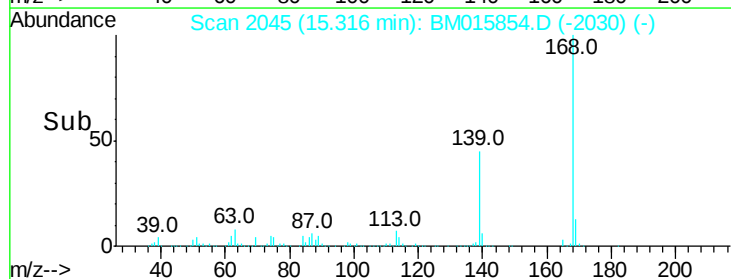
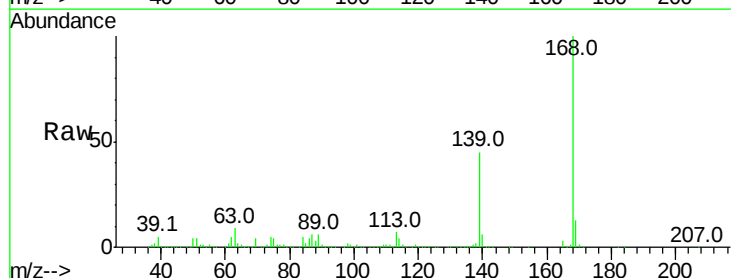
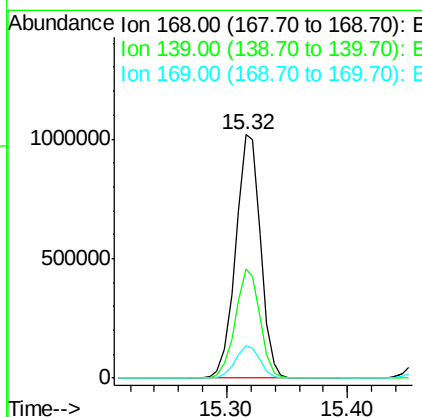
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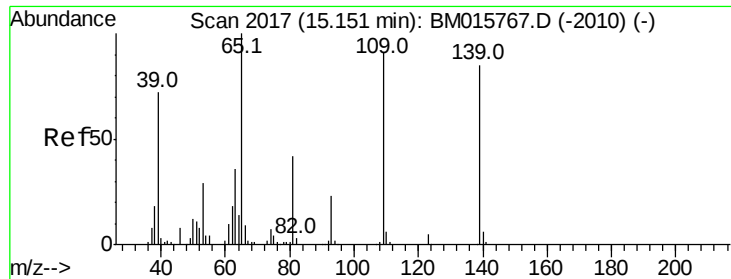
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#54
Dibenzofuran
Concen: 56.379 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.7	27.3	40.9#
169	13.4	10.6	16.0





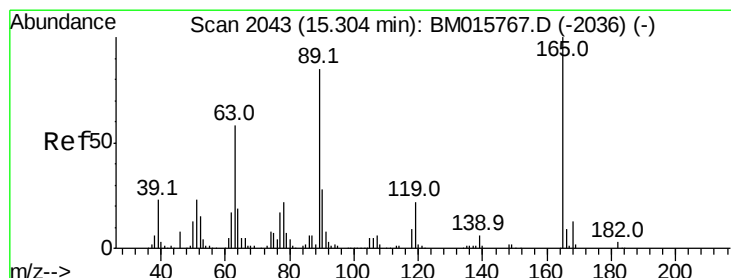
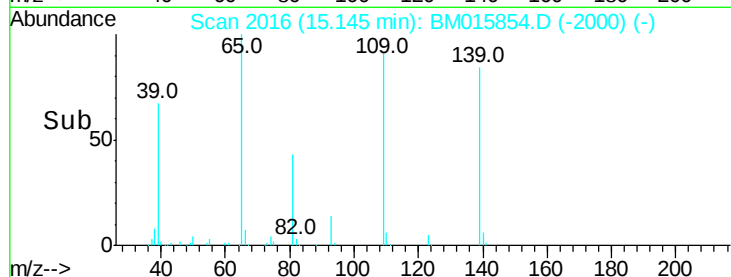
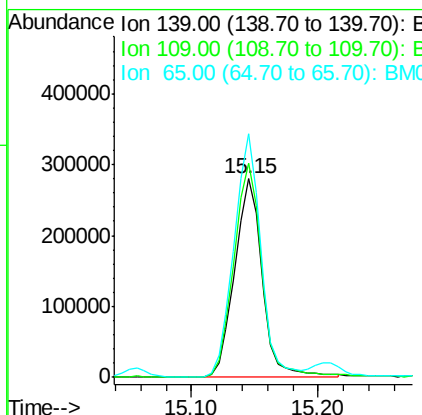
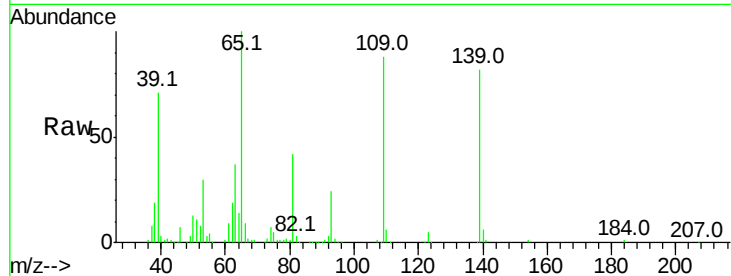
#55
4-Nitrophenol
Concen: 118.888 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion:139 Resp: 422267
Ion Ratio Lower Upper
139 100
109 107.6 130.0 170.0#
65 122.5 130.0 170.0#

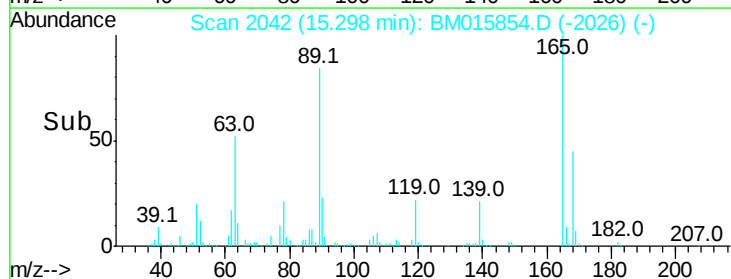
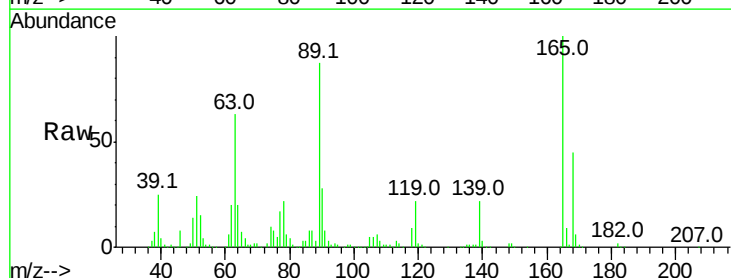
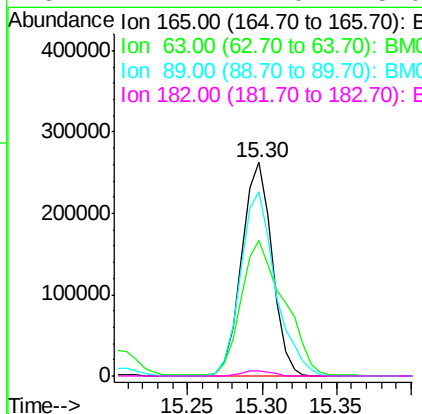
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#56
2,4-Dinitrotoluene
Concen: 58.304 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:165 Resp: 370109
Ion Ratio Lower Upper
165 100
63 63.4 52.4 78.6
89 86.5 72.4 108.6
182 2.4 2.0 3.0





#57

Fluorene

Concen: 55.837 ng

RT: 15.96 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tot Ion:166 Resp: 1187158

Ion Ratio Lower Upper

166 100

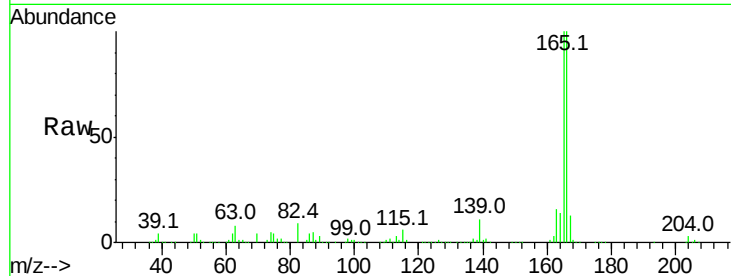
165 99.9 79.0 118.4

167 13.3 10.3 15.5

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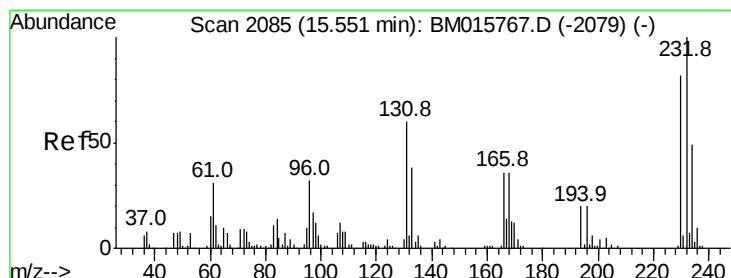
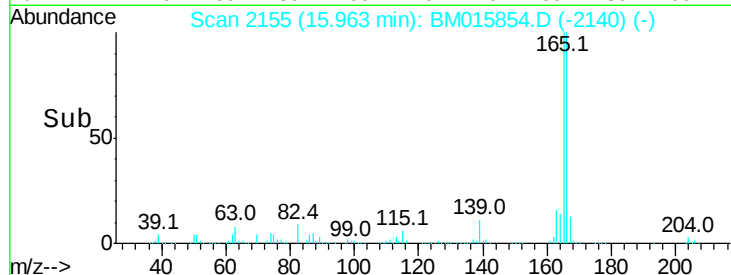
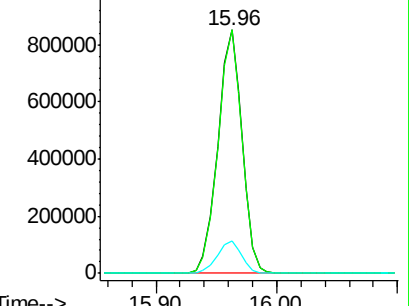
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.905 ng

RT: 15.54 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:232 Resp: 292736

Ion Ratio Lower Upper

232 100

131 58.6 0.0 0.0#

130 3.6 0.0 0.0#

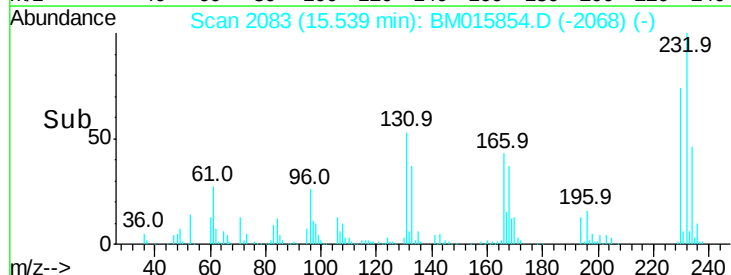
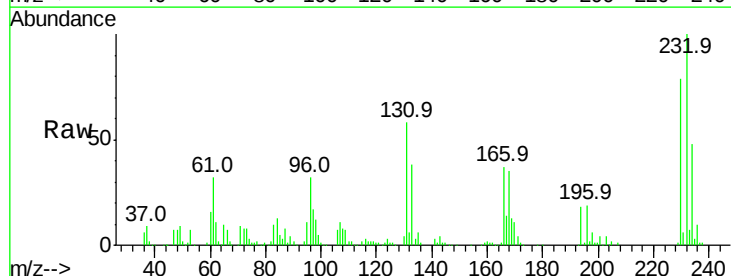
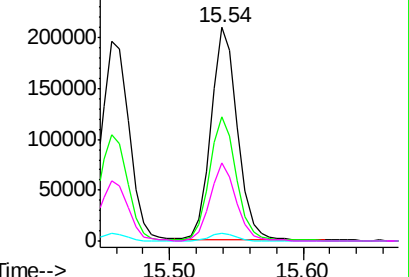
166 36.5 0.0 0.0#

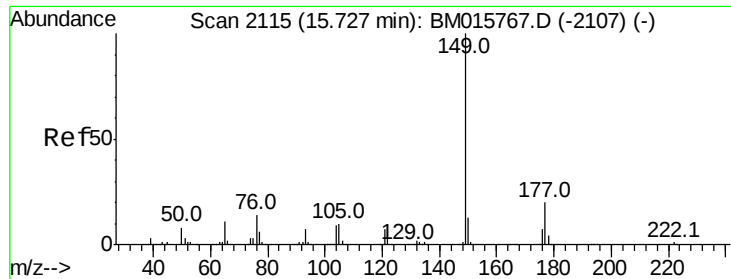
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





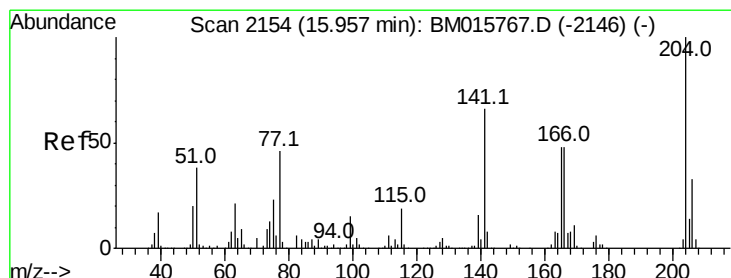
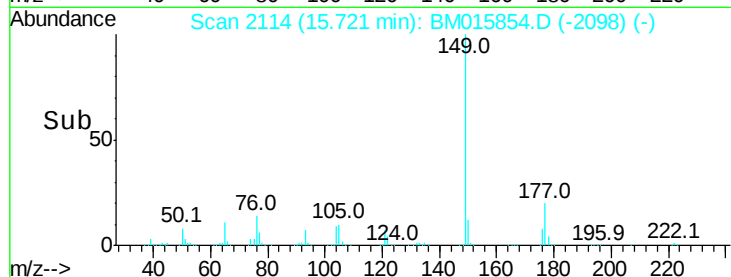
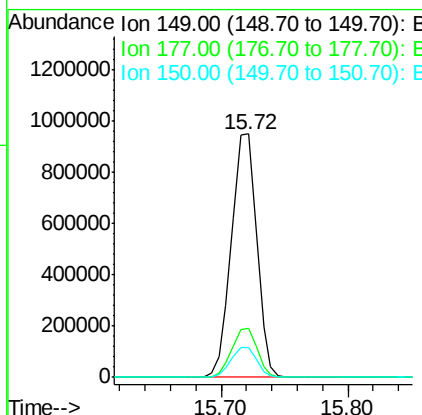
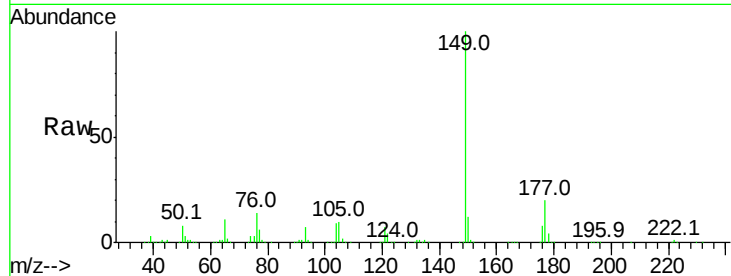
#59
Diethylphthalate
Concen: 54.457 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion:149 Resp: 1316006
Ion Ratio Lower Upper
149 100
177 20.2 18.3 27.5
150 12.2 9.8 14.8

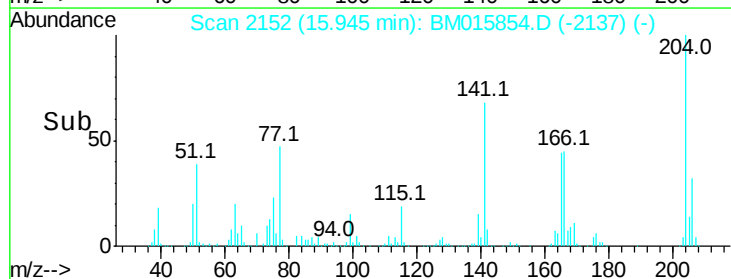
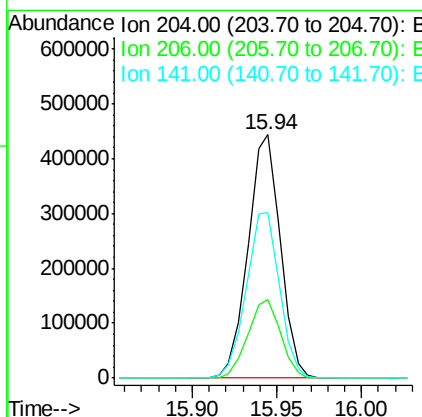
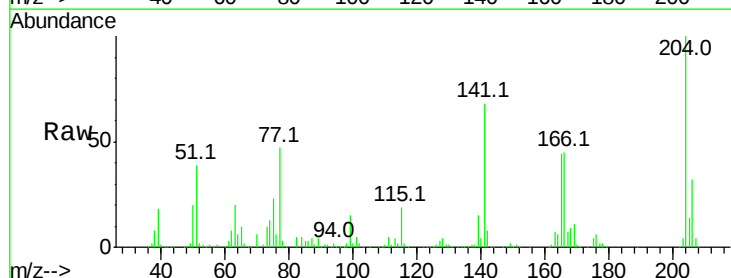
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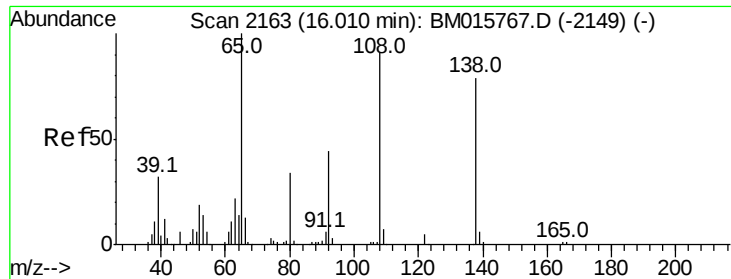
Sohil
7/10/2018 2:50:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.050 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:204 Resp: 591319
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 68.0 45.2 67.8#





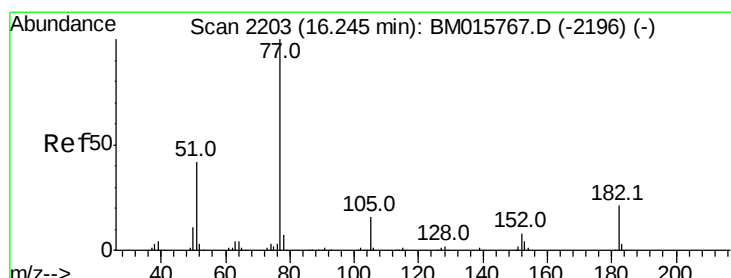
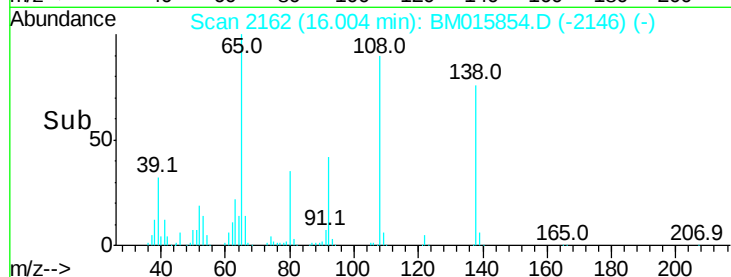
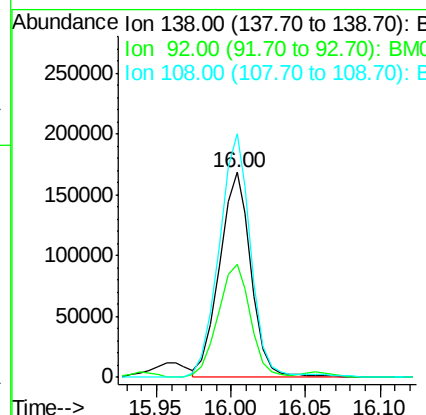
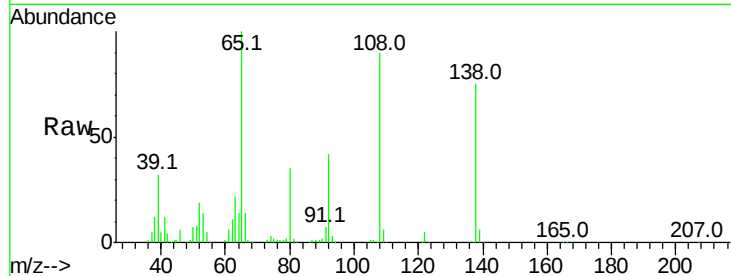
#61
4-Nitroaniline
Concen: 49.305 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	16.7	56.7
108	118.9	37.6	77.6#

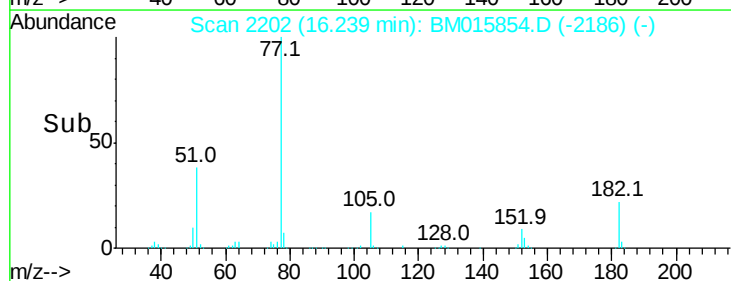
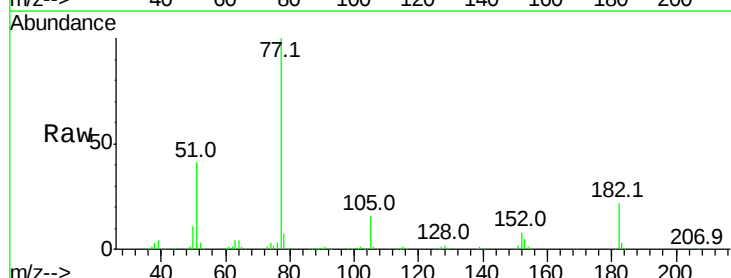
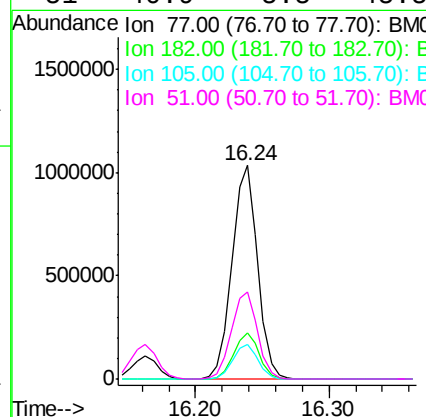
Manual Integrations
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#62
Azobenzene
Concen: 60.989 ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	6.5	46.5
105	16.3	3.8	43.8
51	40.9	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

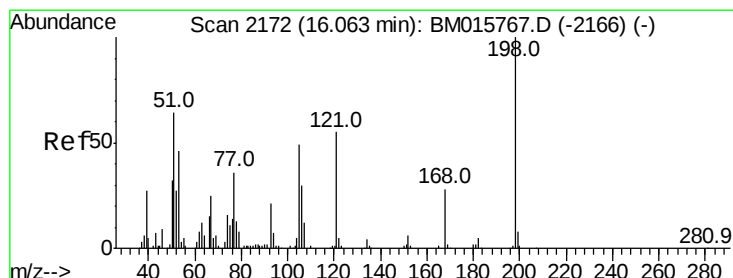
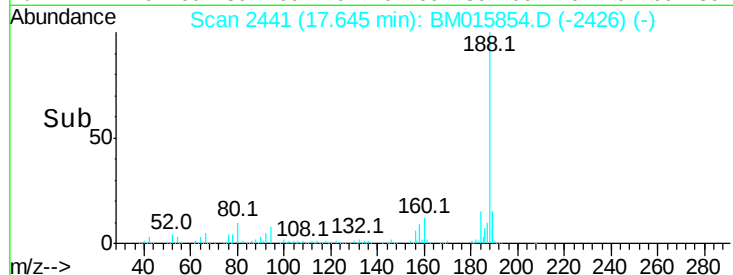
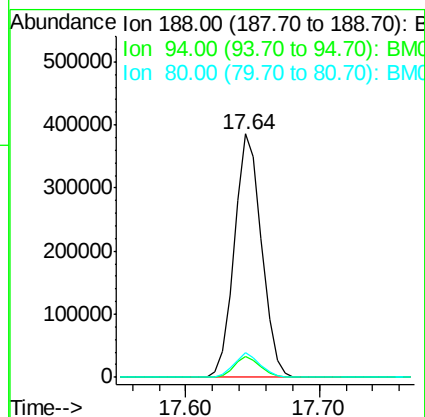
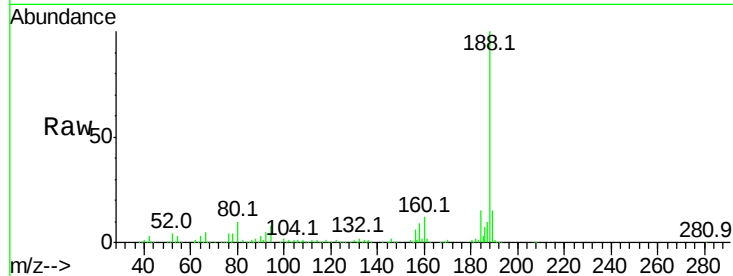
ClientSampleId :

PB110919BS

Tot Ion:	188	Resp:	545304
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.7	13.1#
80	10.1	9.3	13.9

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 55.957 ng

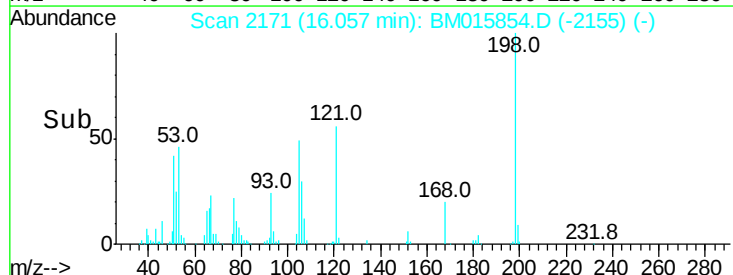
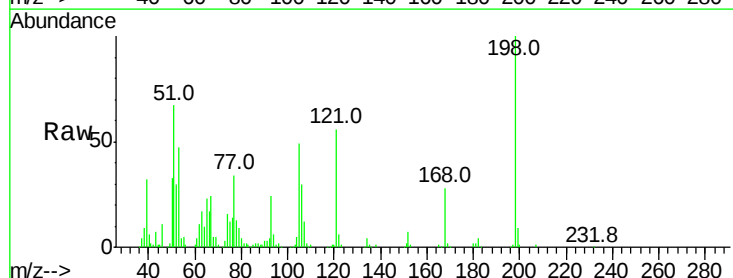
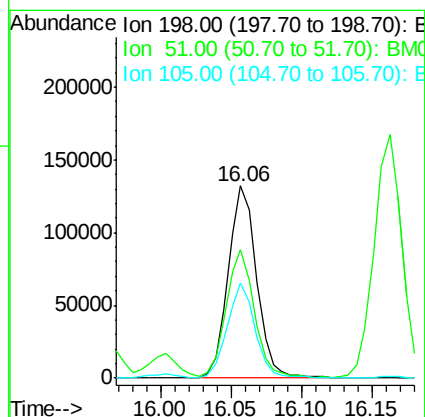
RT: 16.06 min Scan# 2171

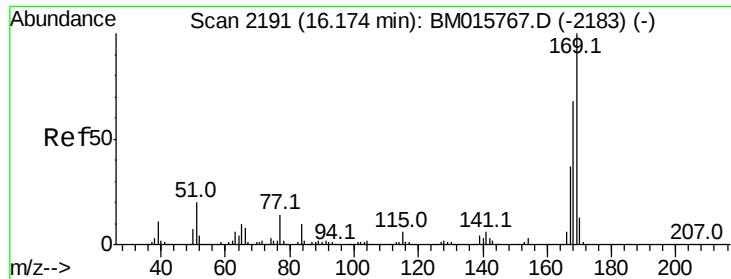
Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:	198	Resp:	185499
Ion Ratio	Lower	Upper	
198	100		
51	67.1	28.8	68.8
105	49.5	30.5	70.5





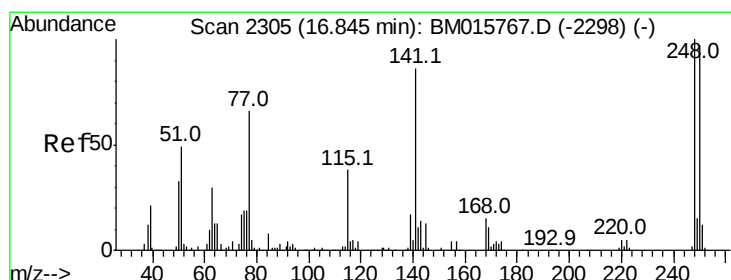
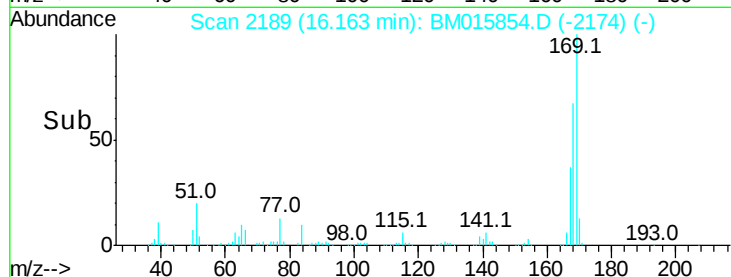
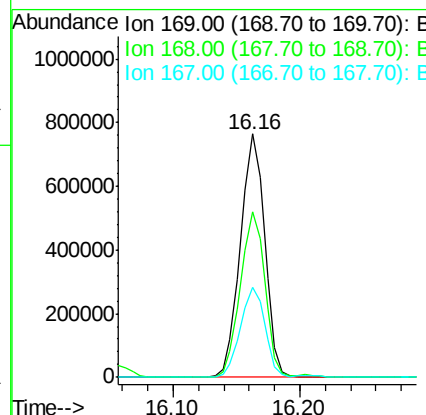
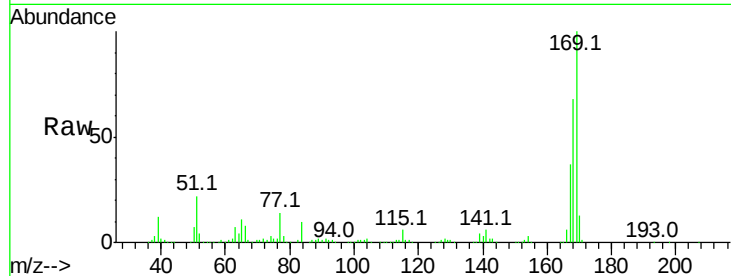
#65
 n-Nitrosodiphenylamine
 Concen: 54.203 ng
 RT: 16.16 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.9	80.9
167	36.9	28.9	43.3

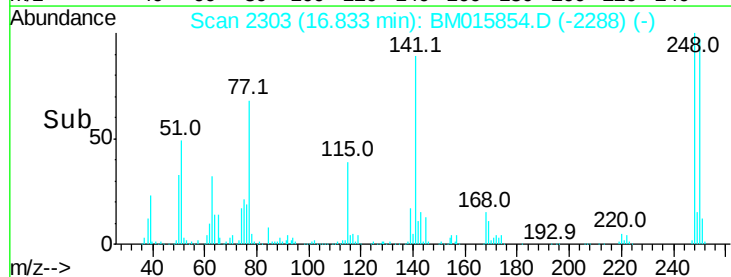
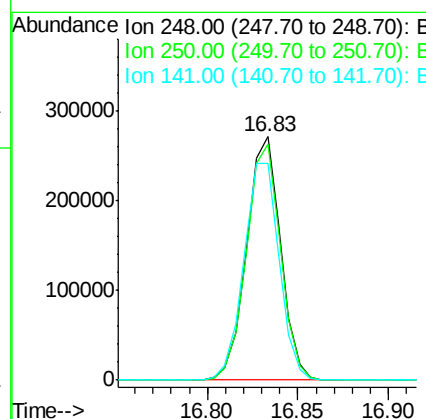
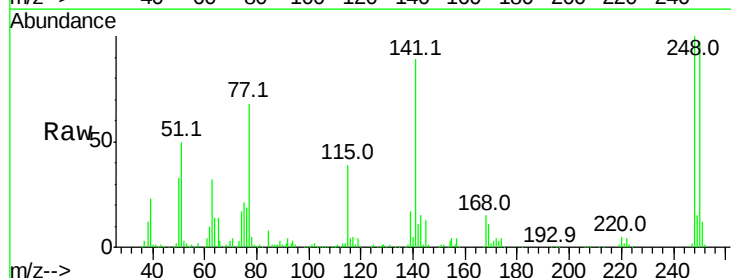
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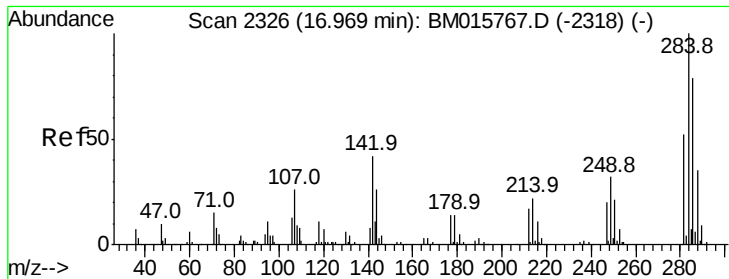
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 58.078 ng
 RT: 16.83 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.0
141	89.1	45.2	67.8#





#67

Hexachlorobenzene

Concen: 56.761 ng

RT: 16.95 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

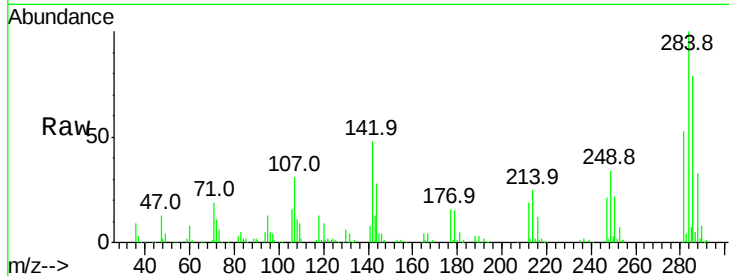
ClientSampleId :

PB110919BS

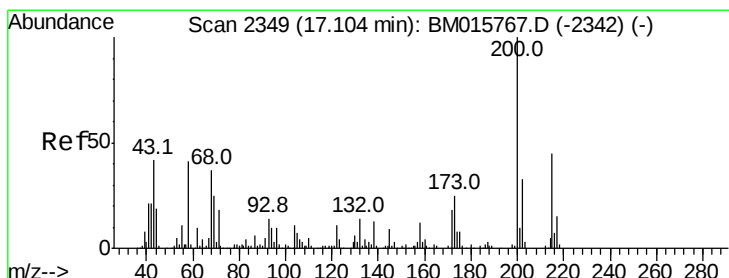
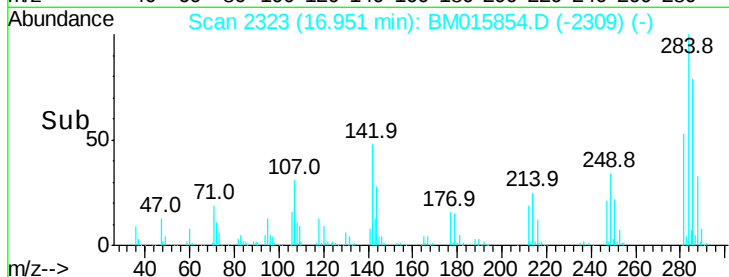
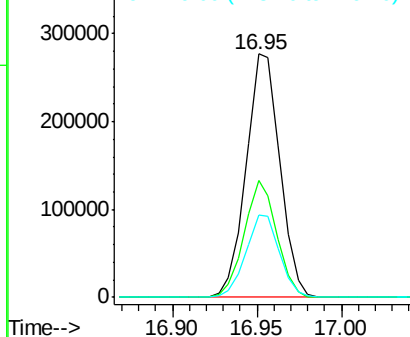
Tot Ion:	284	Resp:	386169
Ion Ratio	Lower	Upper	
284	100		
142	47.8	20.4	30.6#
249	33.9	23.8	35.6

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 59.614 ng

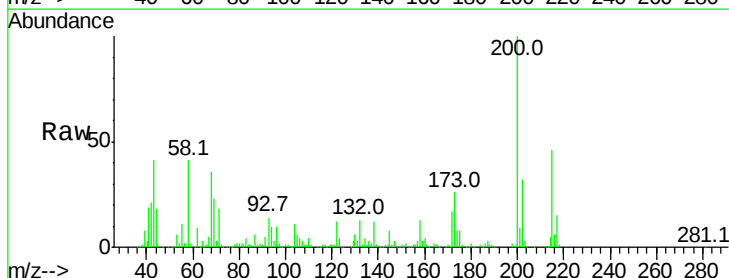
RT: 17.10 min Scan# 2348

Delta R.T. -0.01 min

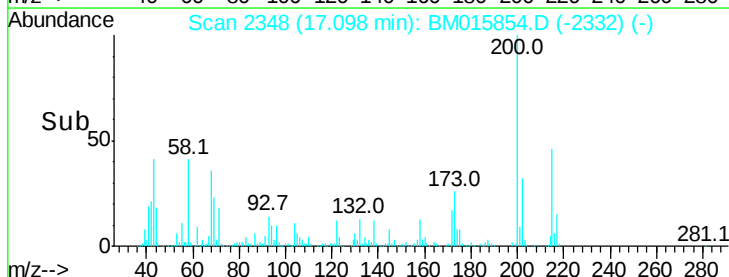
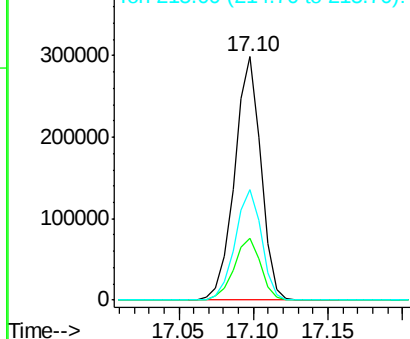
Lab File: BM015854.D

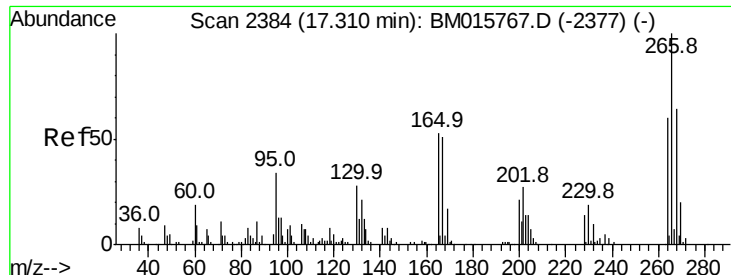
Acq: 09 Jul 2018 21:54

Tgt Ion:	200	Resp:	366386
Ion Ratio	Lower	Upper	
200	100		
173	25.7	4.8	44.8
215	45.6	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





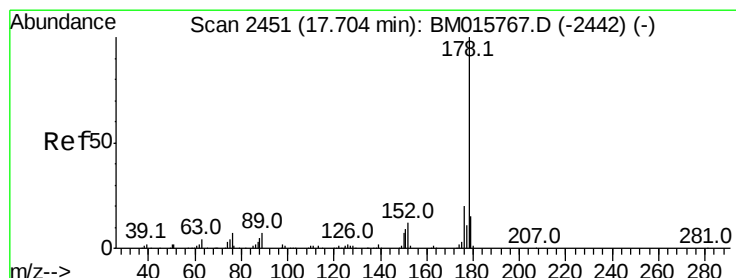
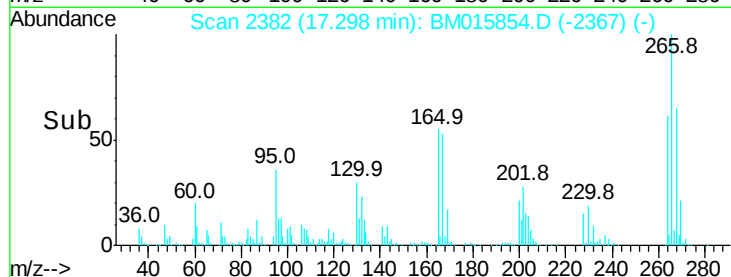
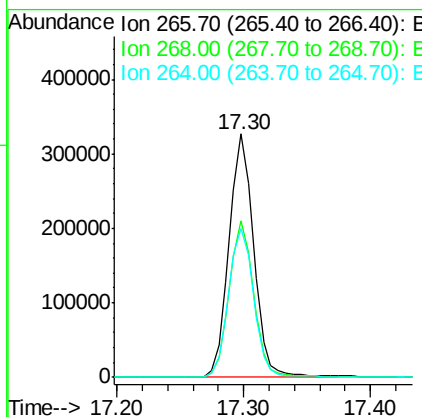
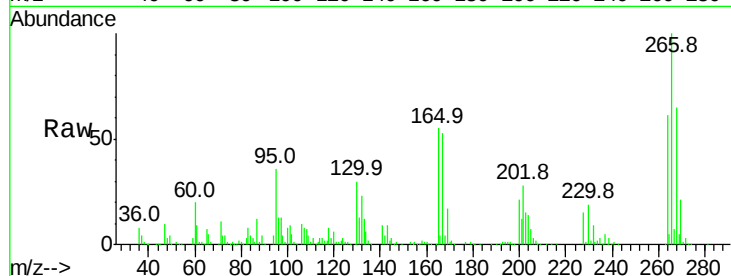
#69
 Pentachlorophenol
 Concen: 104.427 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.0	78.0
264	61.1	49.0	73.4

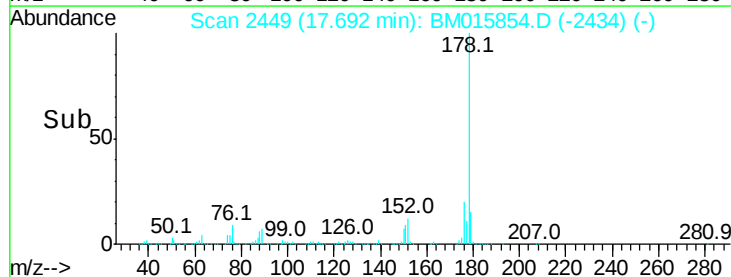
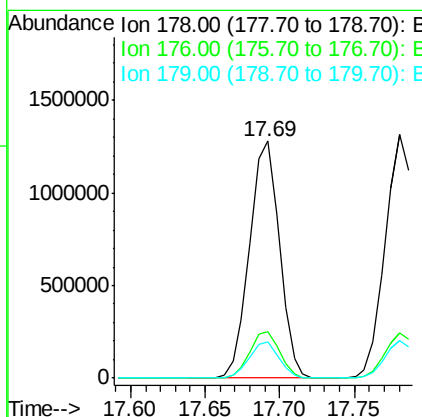
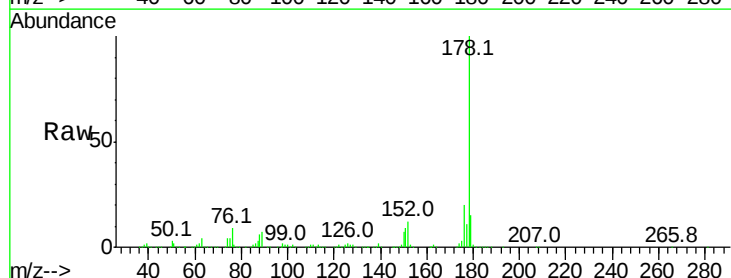
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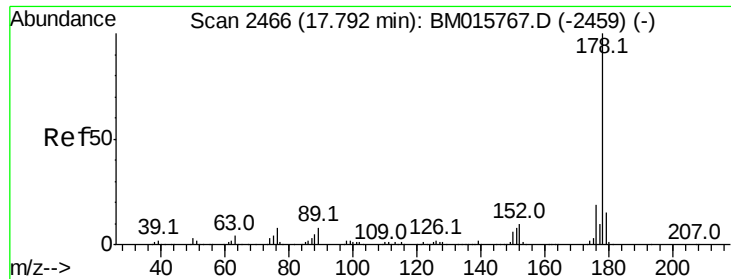
Sohil
 7/10/2018 2:50:12 PM



#70
 Phenanthrene
 Concen: 56.785 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.1	18.1





#71
 Anthracene
 Concen: 59.114 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

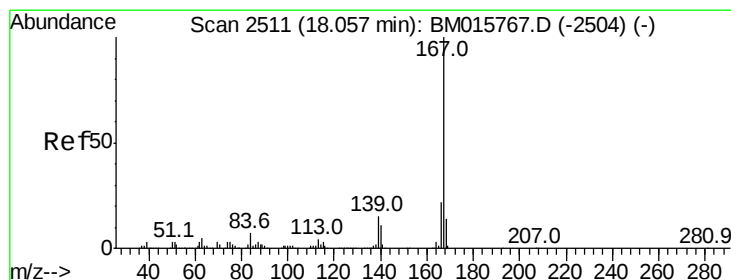
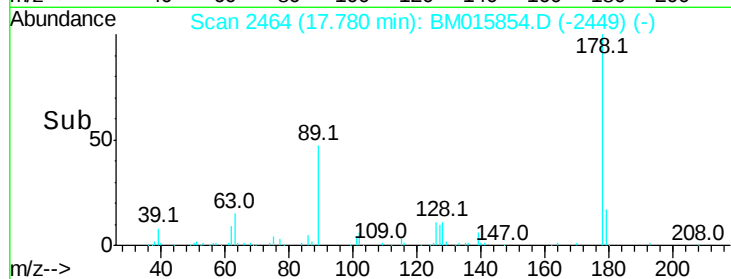
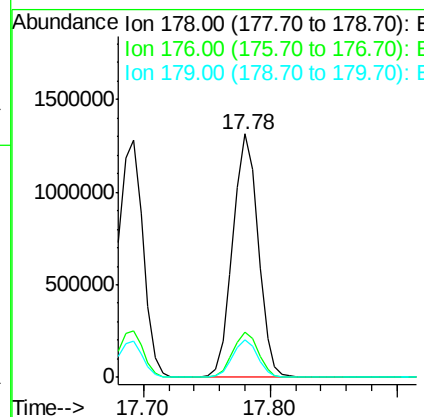
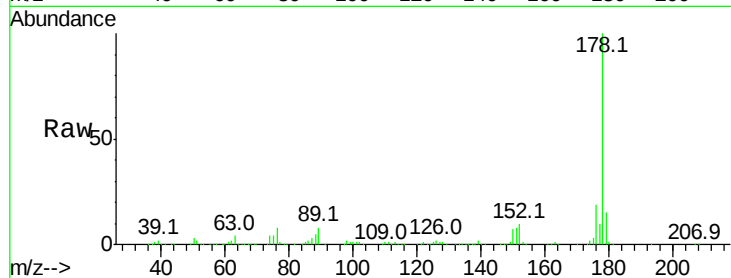
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion:178 Resp: 1811104

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.4	12.6	19.0

Manual Integrations
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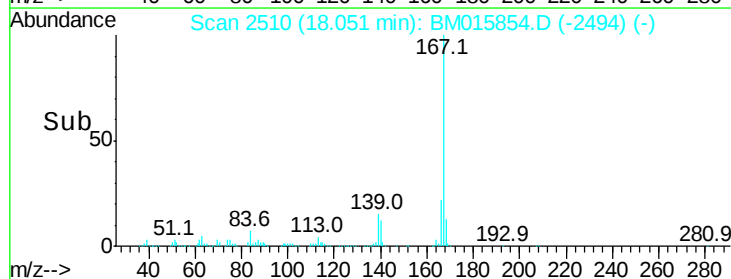
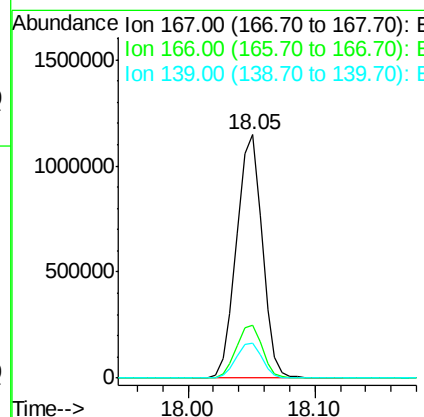
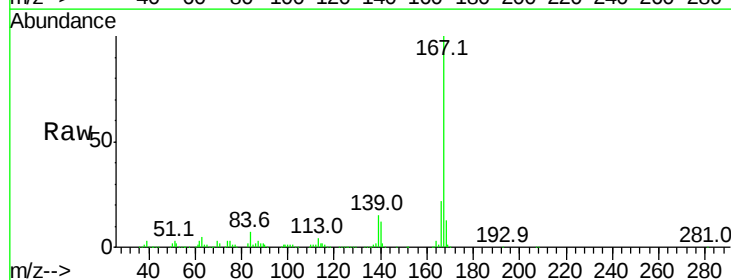
Sohil
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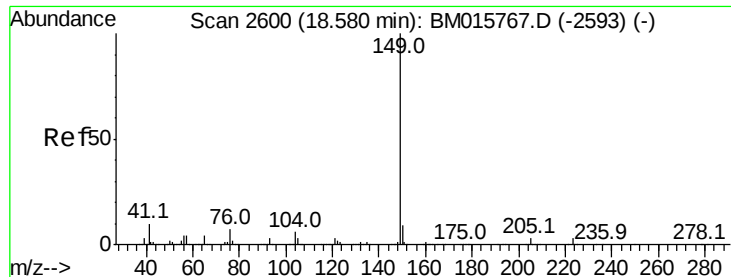


#72
 Carbazole
 Concen: 56.195 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:167 Resp: 1604331

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.5	10.8	16.2





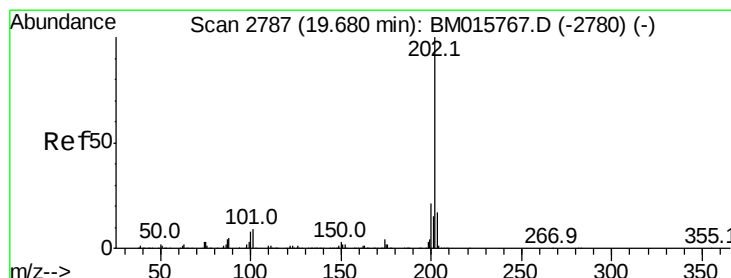
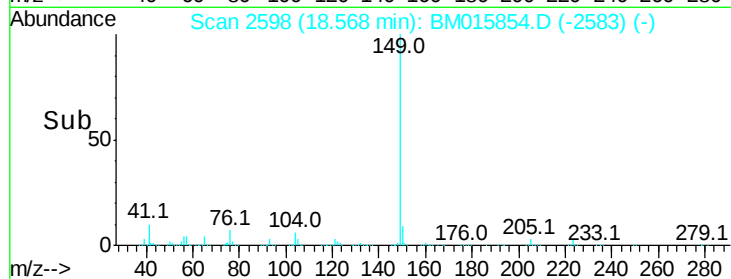
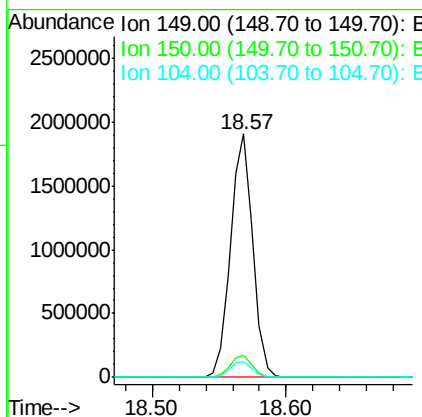
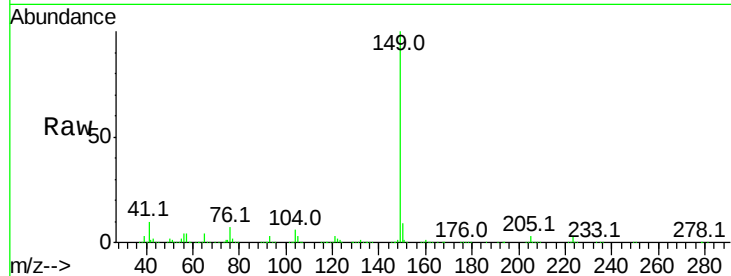
#73
Di-n-butylphthalate
Concen: 57.516 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.5	3.7	5.5

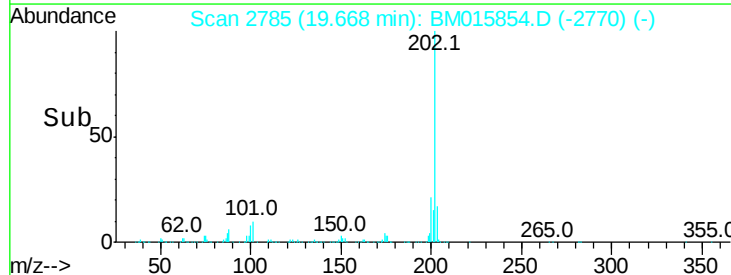
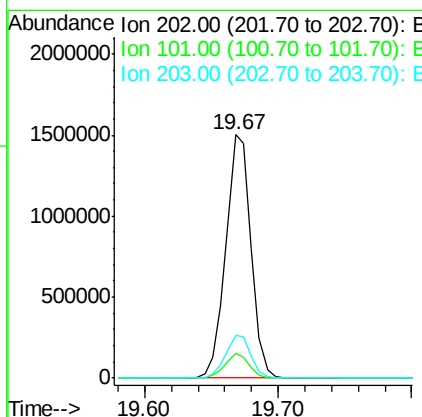
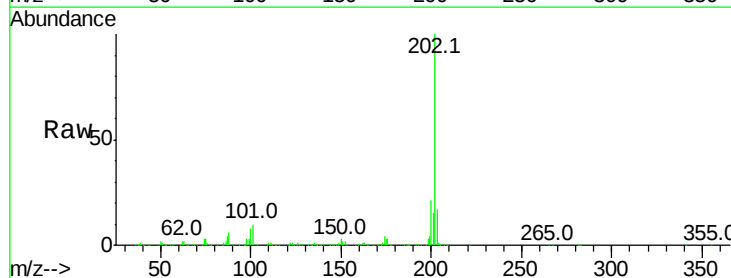
Manual Integrations
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#74
Fluoranthene
Concen: 55.473 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.7
203	17.5	0.0	37.2





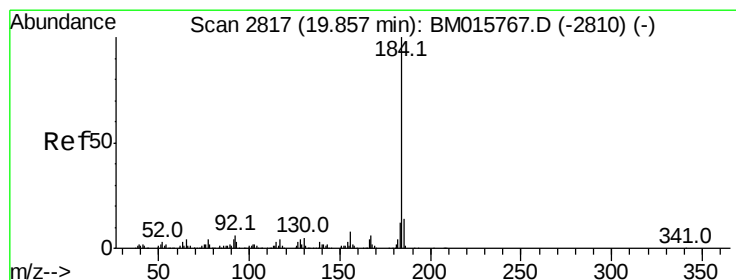
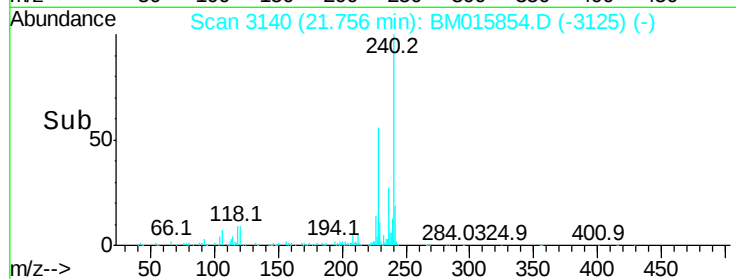
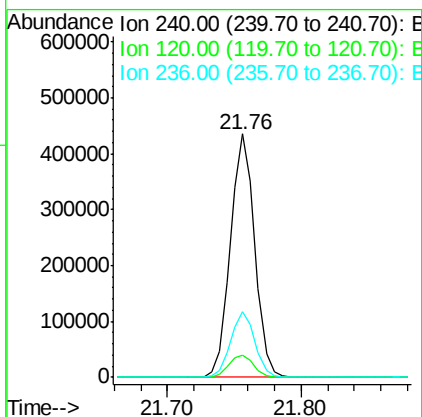
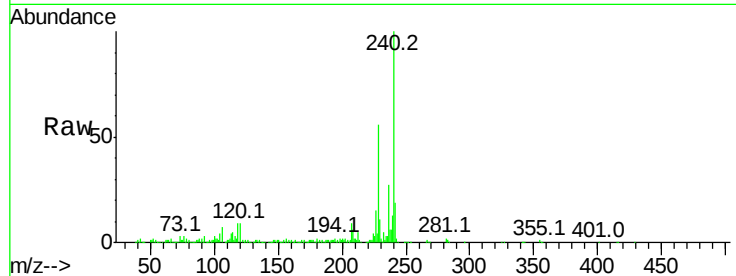
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampled :
PB110919BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	553975		
120	9.2		8.2	12.2
236	26.8		20.0	30.0

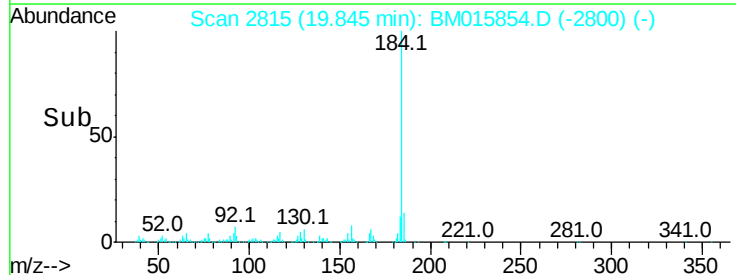
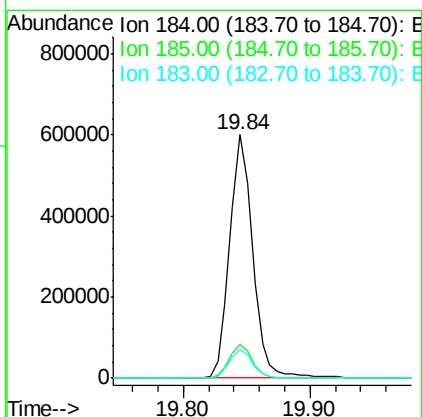
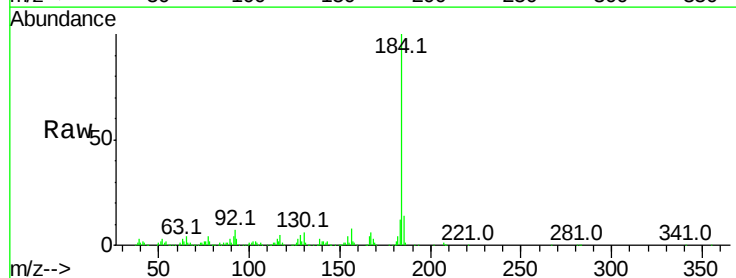
Manual Integrations
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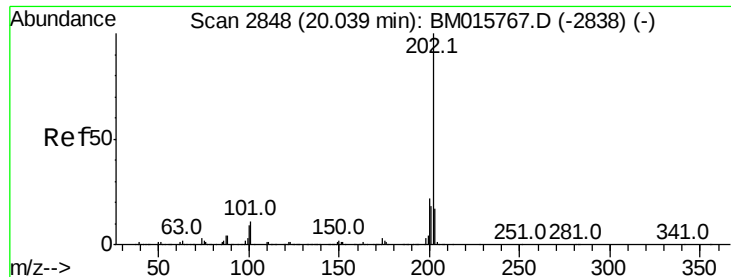
Sohil
7/10/2018 2:50:12 PM



#76
Benzidine
Concen: 46.733 ng
RT: 19.84 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	758522		
185	14.1		11.3	16.9
183	11.9		8.9	13.3





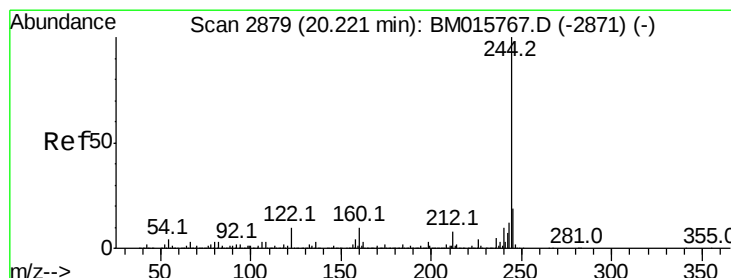
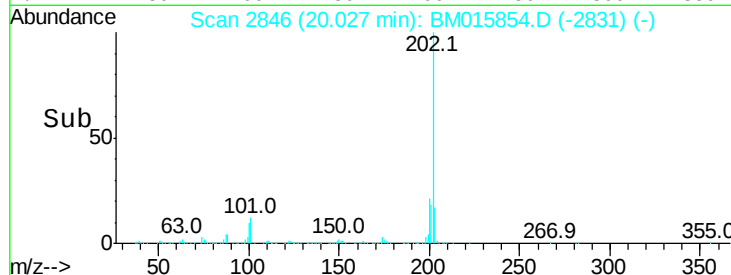
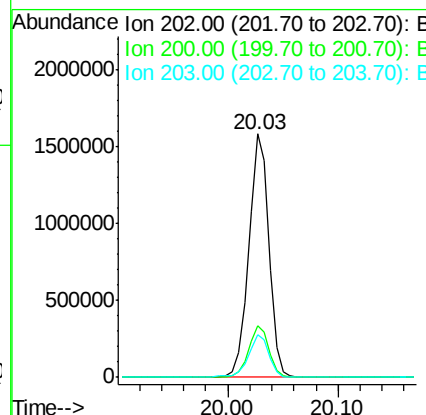
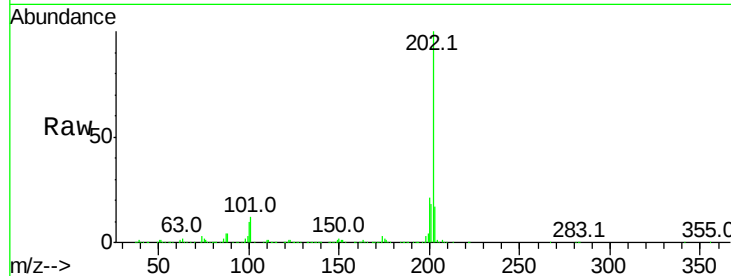
#77
Pvrene
Concen: 58.507 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

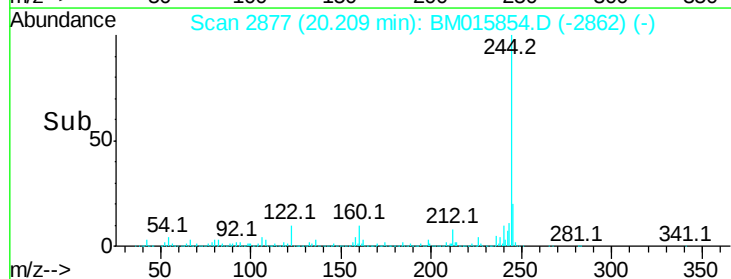
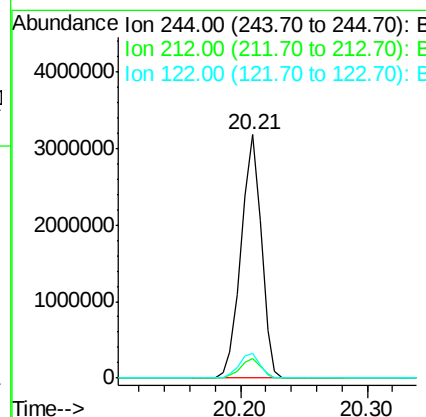
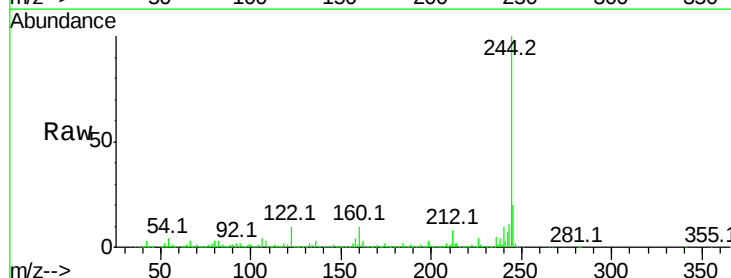
Manual Integrations
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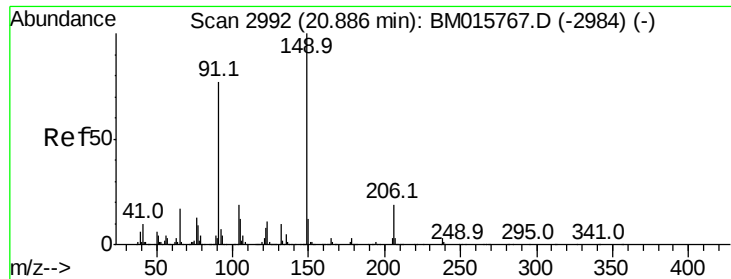
Sohil
7/10/2018 2:50:12 PM



#78
Terphenyl-d14
Concen: 58.507 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	10.2	6.2	9.4#





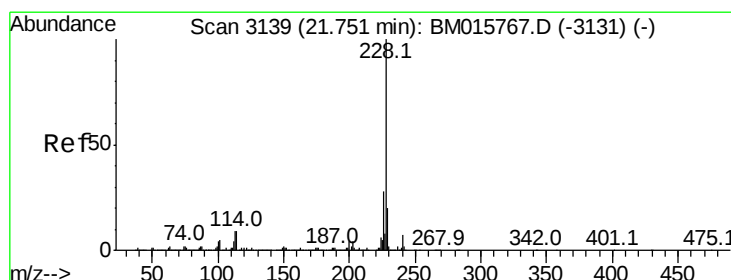
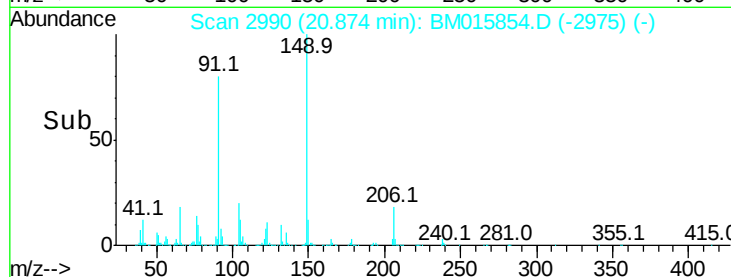
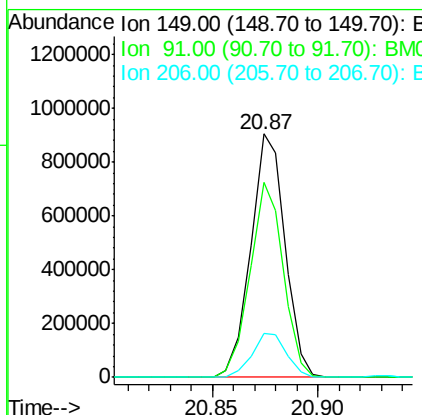
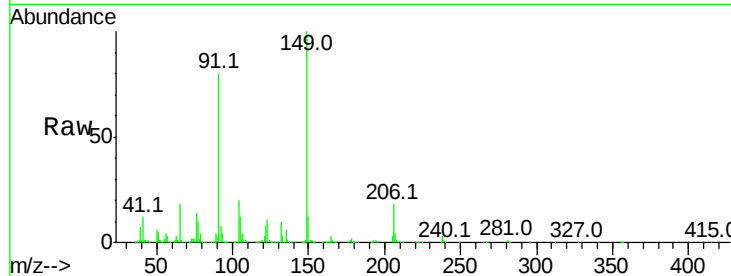
#79
 Butylbenzylphthalate
 Concen: 61.019 ng
 RT: 20.87 min Scan# 2990
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.8	50.1	75.1#
206	17.8	16.2	24.2

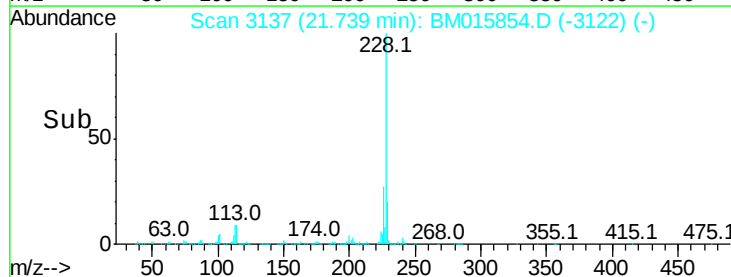
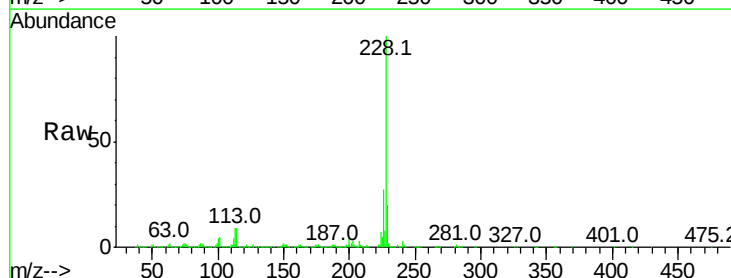
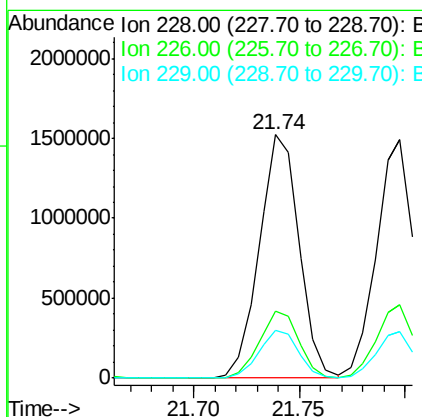
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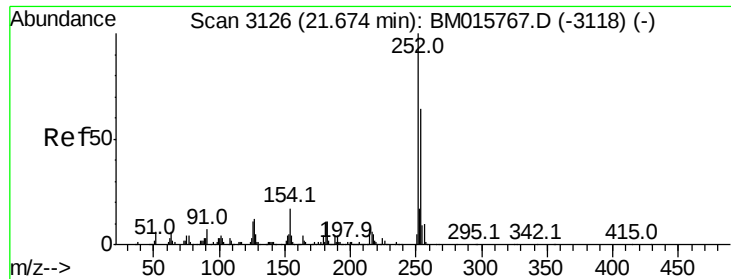
Sohil
 7/10/2018 2:50:12 PM



#80
 Benzo(a)anthracene
 Concen: 56.925 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.8	16.0	24.0





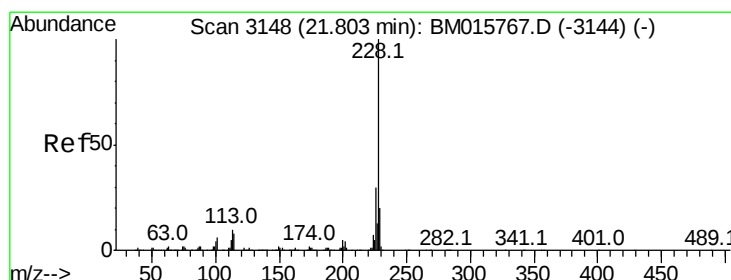
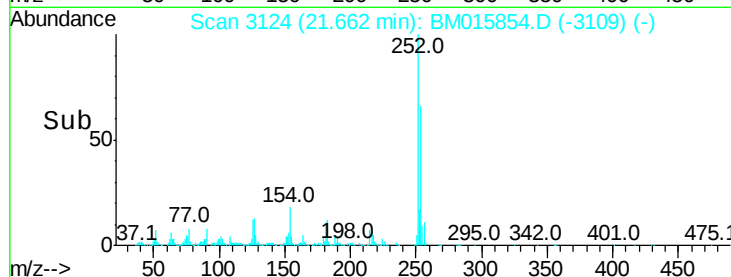
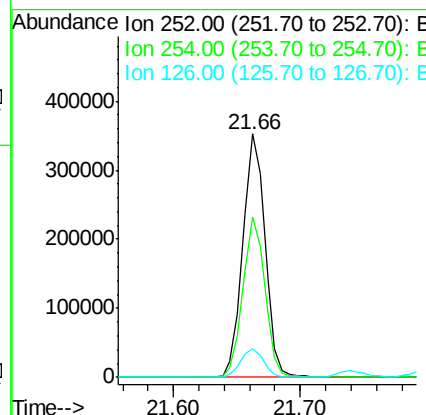
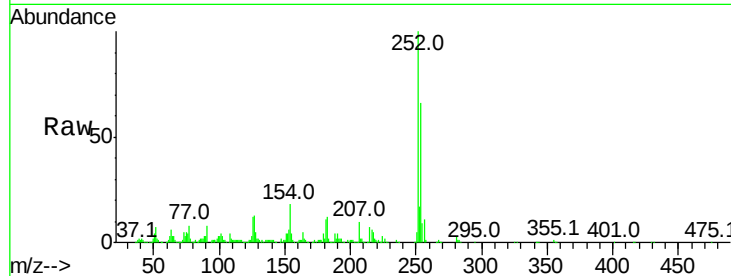
#81
 3,3'-Dichlorobenzidine
 Concen: 33.897 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	12.0	9.8	14.8

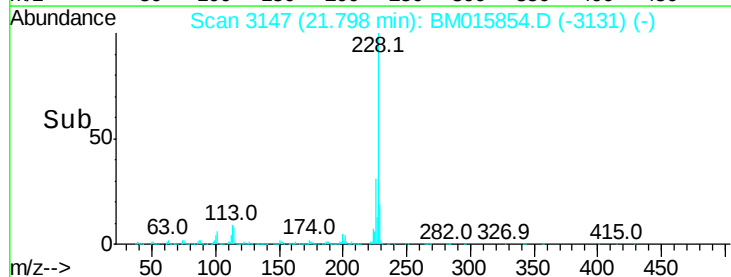
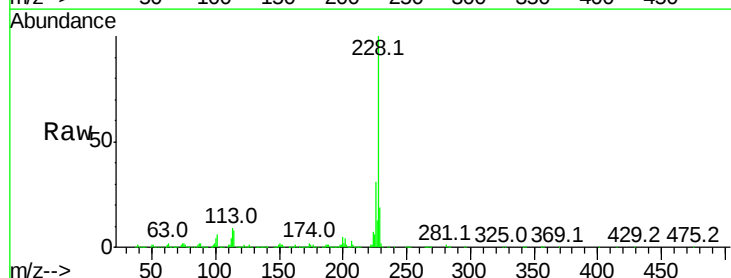
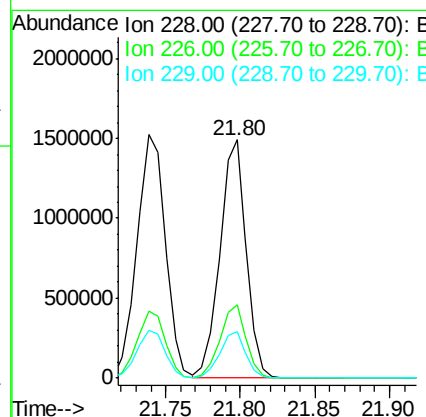
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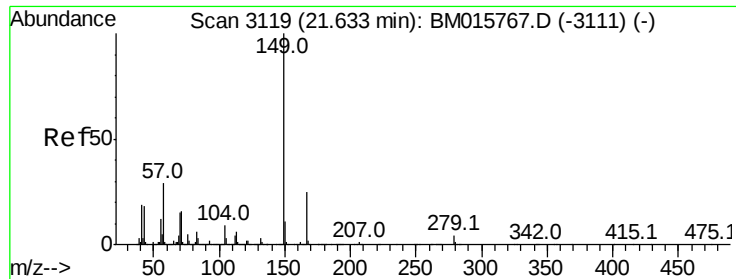
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#82
 Chrysene
 Concen: 56.068 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.5	15.5	23.3





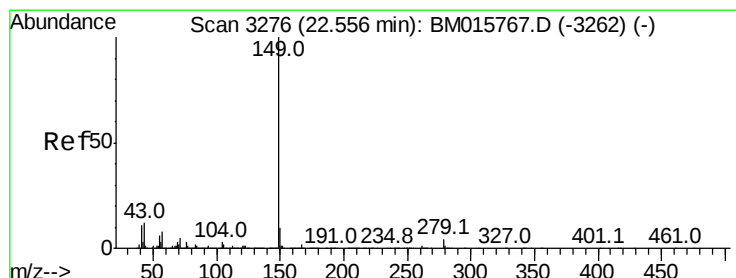
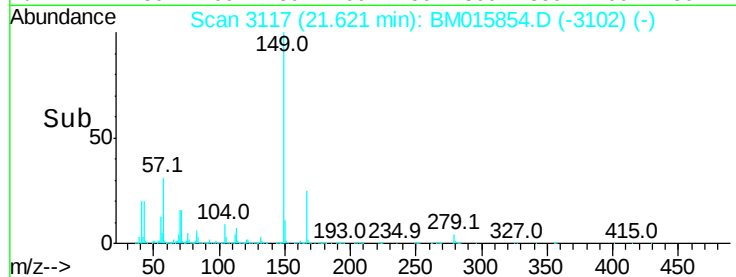
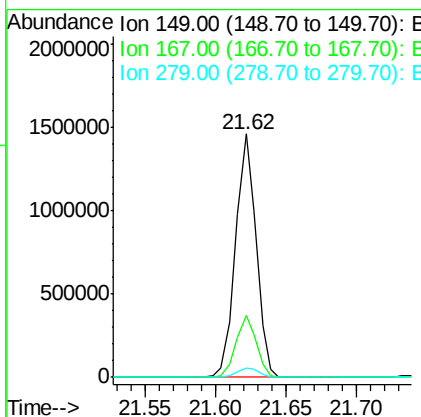
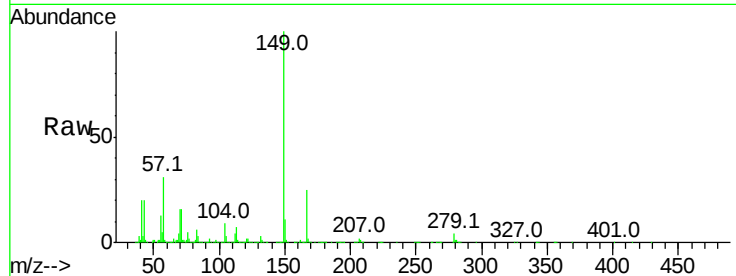
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.071 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.4	33.6
279	3.9	3.4	5.0

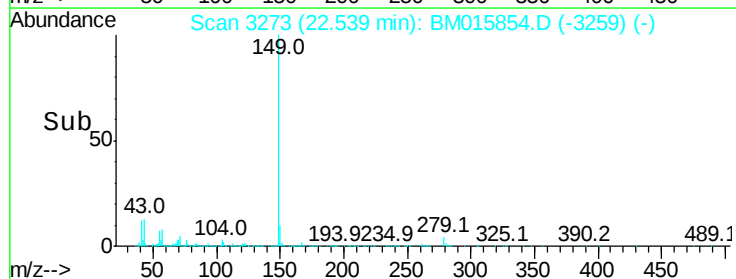
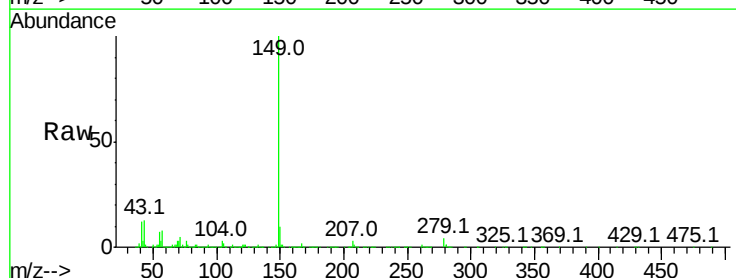
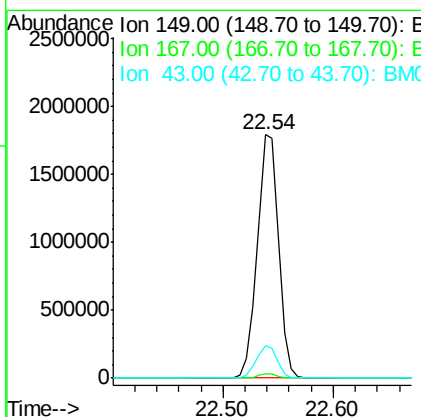
Manual Integrations
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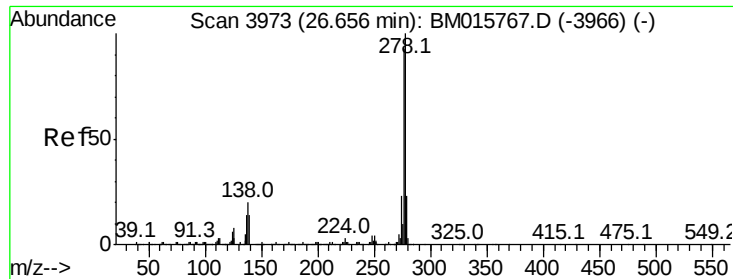
Sohil
 7/10/2018 2:50:12 PM



#84
 Di-n-octyl phthalate
 Concen: 60.212 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.2	7.3	10.9#





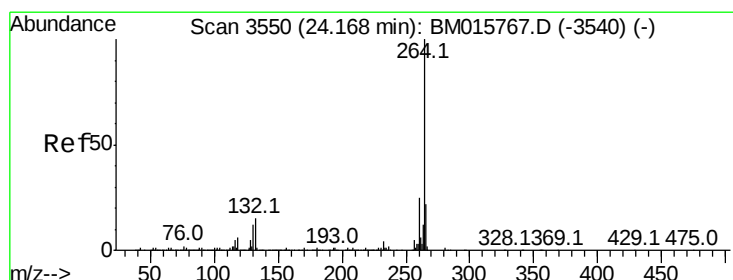
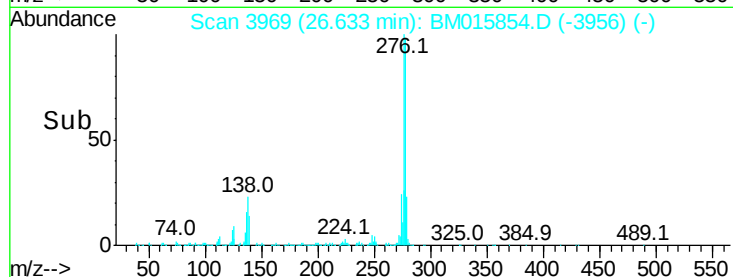
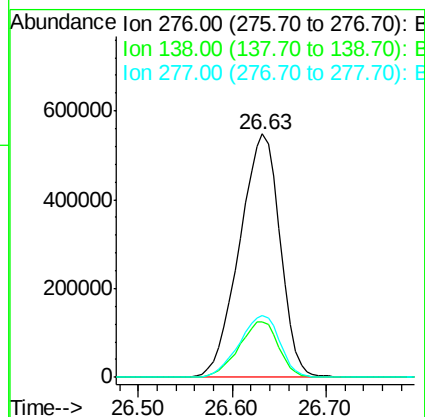
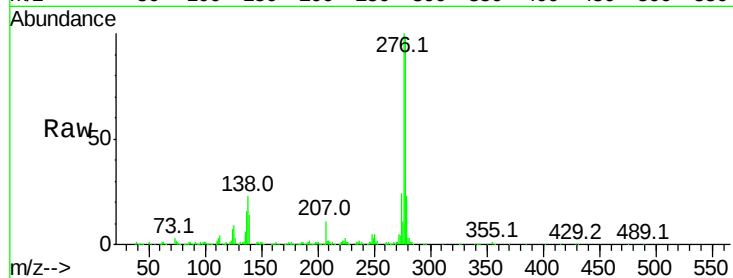
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.758 ng
RT: 26.63 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion:276 Resp: 1634183
Ion Ratio Lower Upper
276 100
138 22.4 12.0 18.0#
277 25.5 20.0 30.0

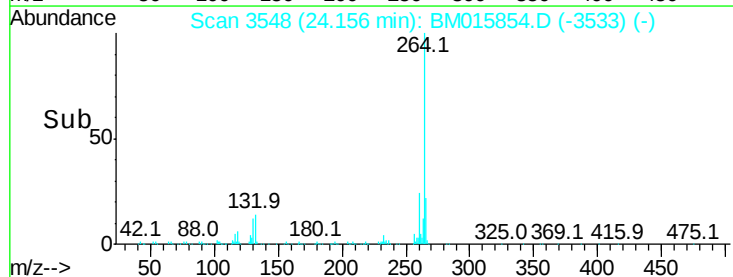
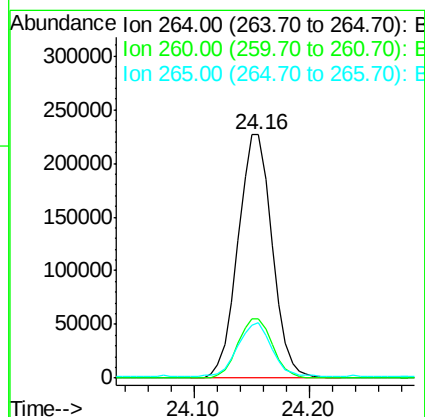
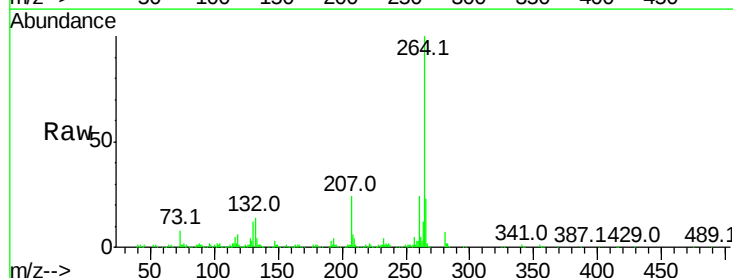
Manual Integrations
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7/10/2018 2:50:12 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:264 Resp: 467551
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 22.9 17.3 25.9





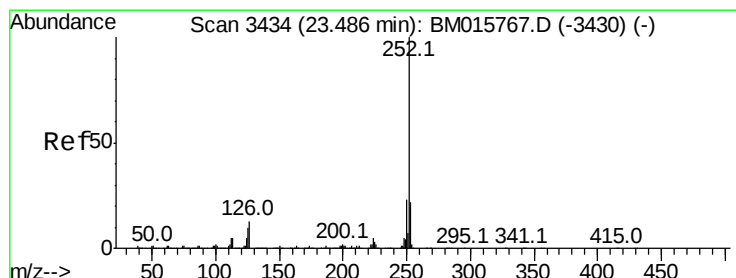
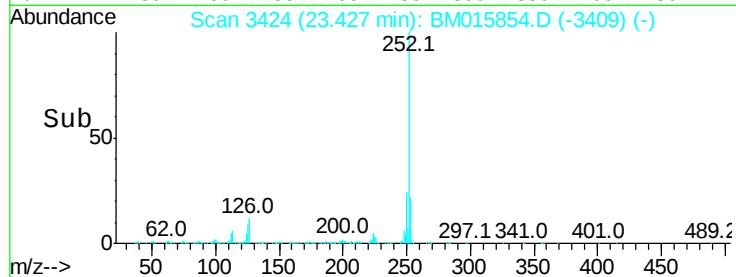
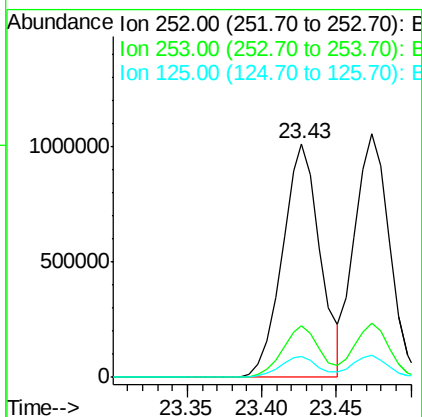
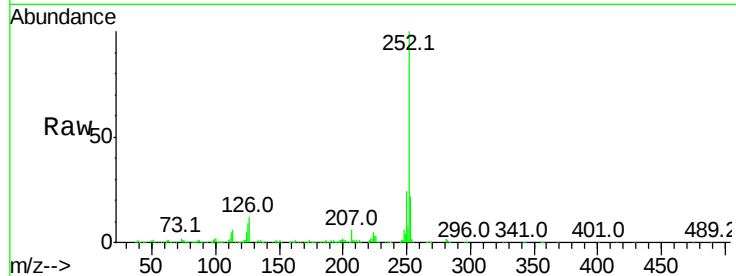
#87
Benzo(b)fluoranthene
Concen: 57.228 ng
RT: 23.43 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	8.9	9.9	14.9

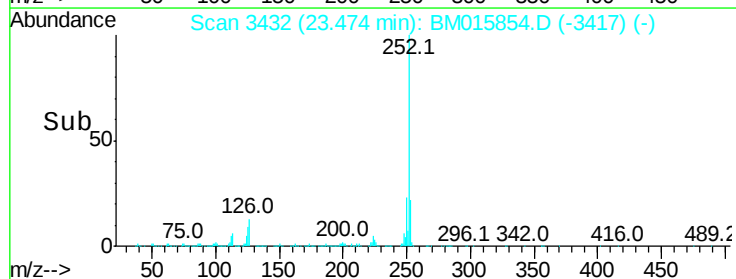
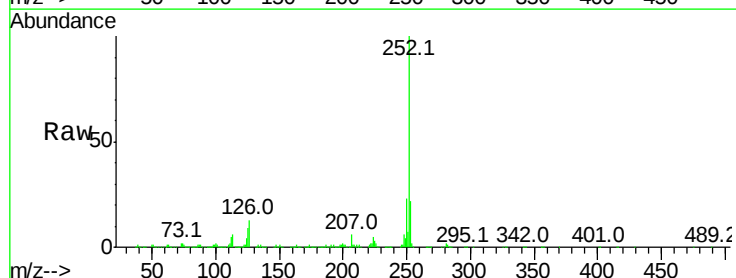
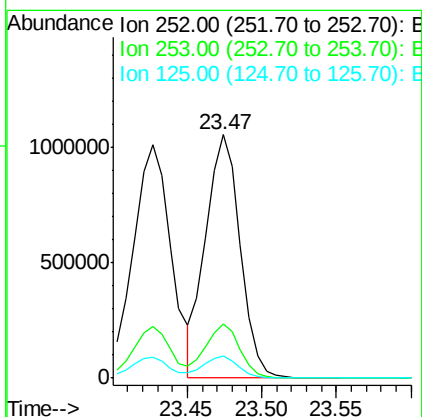
Manual Integrations
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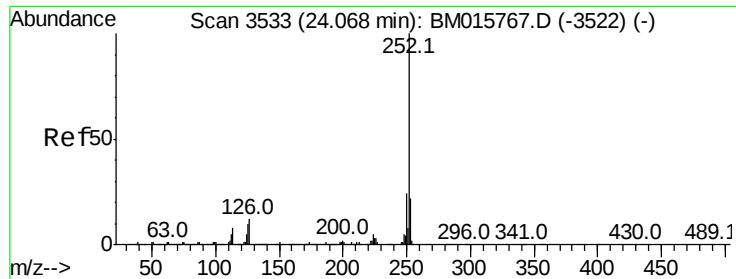
Sohil
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#88
Benzo(k)fluoranthene
Concen: 55.724 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.2	8.1	12.1





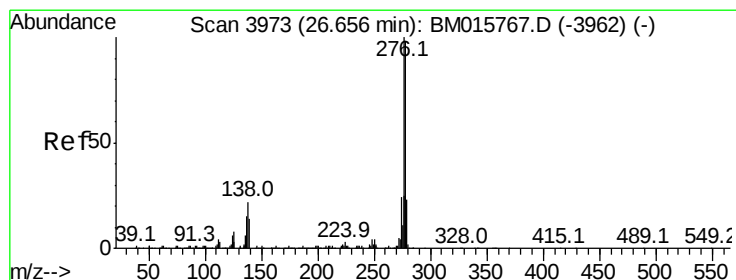
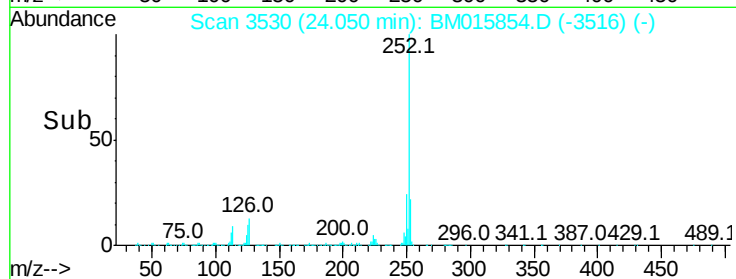
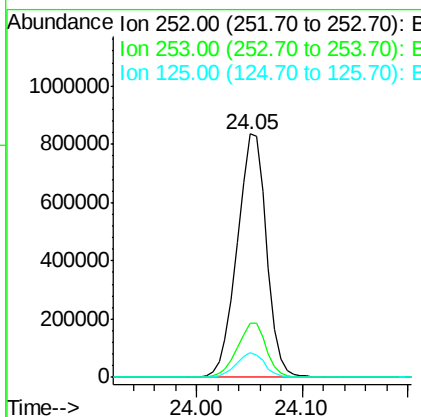
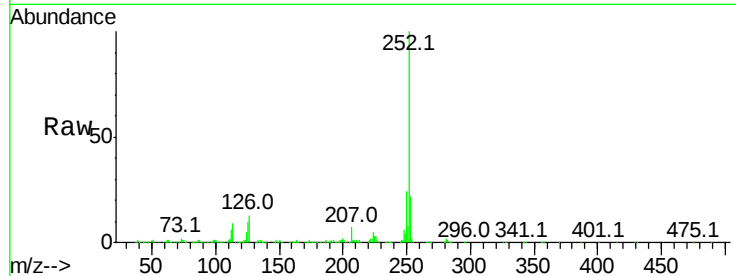
#89
Benzo(a)pyrene
Concen: 58.496 ng
RT: 24.05 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.9	7.4	11.2

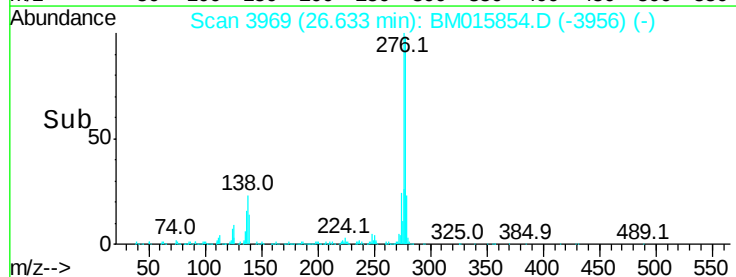
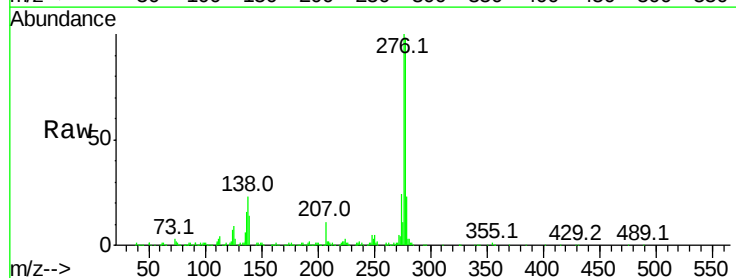
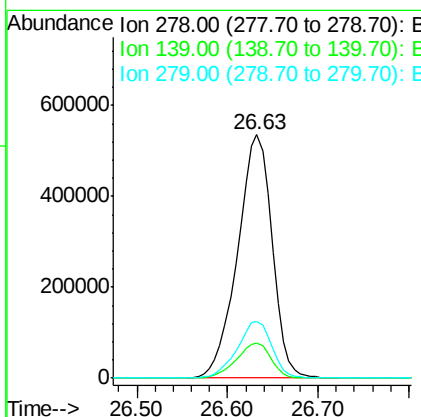
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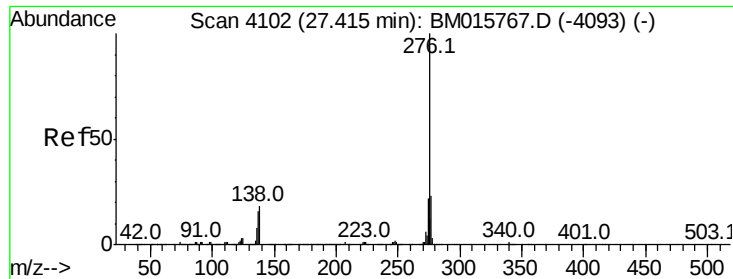
Sohil
7/10/2018 2:50:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 57.271 ng
RT: 26.63 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.4	20.0
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 56.960 ng
 RT: 27.39 min Scan# 4098
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	18.9	19.0	28.6

Manual Integrations
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